

# MARCH 2020 DIAGNOSTICS CATALOG

GLOBAL DRUG FACILITY (GDF)



PHOTO: MAKA AKHALAIA



Ensuring an uninterrupted supply of quality-assured, affordable tuberculosis (TB) medicines and diagnostics to the world.

**Stop TB Partnership**  
**GLOBAL DRUG FACILITY**

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# GLOBAL DRUG FACILITY DIAGNOSTICS CATALOG MARCH 2020

GDF is the largest global provider of quality-assured tuberculosis (TB) medicines, diagnostics, and laboratory supplies to the public sector. Since 2001, GDF has facilitated access to high-quality TB care in over 130 countries, providing treatments to over 30 million people with TB and procuring and delivering more than \$200 million worth of diagnostic equipment.

As a unit of the Stop TB Partnership, GDF provides a full range of quality-assured products to meet the needs of any TB laboratory globally. GDF provides more than 500 diagnostics products, including the latest WHO-approved TB diagnostic devices and reagents, together with the consumables and ancillary devices required to ensure a safe working environment. These products cater to all levels of laboratories, ranging from peripheral health centers to centralized reference laboratories, and provide countries with the latest WHO-recommended technologies for detecting TB and drug resistance.



To place an order for any diagnostics product, please follow the step-by-step guide available on the GDF website. All prices in this catalog are listed as ex-works (EXW) prices.

[stoptb.org/gdf](https://stoptb.org/gdf)

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# GDF SMEAR MICROSCOPY KITS

## FEATURED PRODUCTS



### DIAGNOSTIC CONSUMABLES KIT – ZN LIGHT MICROSCOPY

*Product Code: 106522*

This kit provides a convenient way to receive all of the needed reagents and consumables to perform 1,000 smears using bright field (ZN) microscopy. Contents:

- 6 x 1 Lt Ziehl Neelsen stain solution (Strong Carbol Fuchsin 1% solution for ZN staining)
- 6 x 1 Lt Ziehl Neelsen decolourisation solution (Ready-made decolourisation solution of ZN stained slides – 3.0% HCl/alcohol)
- 6 x 1 Lt Ziehl Neelsen counterstaining solution, (Methylene blue 0.1%, counterstaining solution for ZN stain)
- 50 x 20 Microscope slides
- 100 x Filter papers
- 10 x Pencils
- 2 x Waterproof marker pens
- 500 x Plastic bags W 200 mm x L 300 mm
- 2 x 1000 x Wooden applicator sticks
- 400 x Nitrile pairs of gloves (100 small, 200 medium, 100 large)
- 100 x Lens cleaning tissue
- 1 x Immersion oil 100 ml
- 5 x 0.5 Lt Denatured alcohol 96%
- 5 x 50 tabs Stable chlorine disinfectant
- 30 x 150 Carton of paper towels



### DIAGNOSTIC CONSUMABLES KIT – LED / AURAMINE MICROSCOPY

*Product Code: 106523*

This kit provides a convenient way to receive all of the needed reagents and consumables to perform 1,000 smears using LED microscopy. Contents:

- 1 x Auramine stain solution, reagents (Set of 3 components: 200 gr – Colourless Phenol crystals  $C_6H_6O$ , 1 Lt – Ethanol for stain solutions  $C_2H_6O$  and 5 gr – Auramine O  $C_{17}H_{22}ClN_3$  to produce Auramine stain solution)
- 6 x 1 Lt Auramine decolourisation solution (Ready-made decolourisation solution 0.5% HCl/alcohol)
- 6 x 1 Lt Auramine counterstaining solution (Methylene blue 0.3%, counterstaining solution for auramine O stain)
- 50 x 20 Microscope slides
- 100 x Filter papers
- 10 x Pencils
- 2 x Waterproof marker pens
- 500 x Plastic bags W 200 mm x L 300 mm
- 1000 x Wooden applicator sticks
- 400 x Nitrile pairs of gloves (100 small, 200 medium, 100 large)
- 100 x Lens cleaning tissue
- 1 x Immersion oil 100 ml
- 1 x 0.5 Lt Denatured alcohol 96%
- 5 x 50 tabs Stable chlorine disinfectant
- 30 x 150 Carton of paper towels



## EQUIPMENT AND STARTER KIT FOR LED OR ZN LIGHT MICROSCOPY

*Featured product Code: 106526*

This starter kit provides auxiliary equipment needed to perform microscopy. Contents:

- 2 x Glass alcohol lamp with 1-meter pre-cut wicks
- 1 x Timer
- 2 x Staining rack
- 2 x Slide drying racks
- 6 x Slide storage boxes
- 2 x Slide-holding forceps
- 4 x Reagent bottle
- 3 x Staining bottle 250 ml
- 3 x Staining bottle 500 ml
- 1 x Beaker 250 ml
- 1 x Beaker 1000 ml
- 1 x Measuring cylinder 10 ml
- 2 x Goggles
- 4 x Funnels (1 large 155 mm, 1 medium 120 mm and 2 small 45 mm) with 100 filter papers
- 1 x Set of pencil sharpener with 10 pencils
- 3 x Stands for waste bags with 500 plastic bags
- 1 x Paper towel dispenser with 1 carton of paper
- 5 x GLI Handbook on Lab Diagnosis of TB by Sputum Microscopy
- 1 x SOPs
- 1 x WHO Policy statement

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
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### MICROSCOPY KITS

106522	Diagnostic consumables kit - ZN microscopy	1	244.00
106523	Diagnostic consumables kit - LED/Auramine microscopy	1	182.50
106526	Equipment and starter kit for LED / ZN microscopy	1	117.50

# LED / BRIGHT LIGHT MICROSCOPY SUPPLIES

GDF supplies microscopes and all of the necessary reagents and consumables to perform bright field (ZN) and LED fluorescent smear microscopy.

## FEATURED PRODUCTS



### BINOCULAR BRIGHT FIELD MICROSCOPE

*Product Code: 106535*

Olympus binocular microscope "CX23LEDRFS1"-set with LED illumination. Includes a binocular tube, stand with quadruple revolving nose-piece, eyepieces 10x with Helicoid adjustment (FN 20, anti-fungus), right-handle double plate stage, Abbe condenser, power cord, plan objectives (anti-fungus) 4x, 10x, 40x, 100x.



### LED MICROSCOPE

*Product Code: 106531*

ZEISS fluorescence microscope "Primo Star iLED" (fixed Koehler version) with binocular tube 30°, equipped with quadruple revolving nosepiece (tilted backwards) and objectives "Planachromatic" 10x, 20x, 40x and 100x (oil), with white LED illumination for transmitted-bright field and blue LED illumination for epi-fluorescence.



### SPUTUM CONTAINERS

*Product Code: 106525*

Break/leak-resistant (waterproof) containers, made of transparent plastic pure polyethylene or polypropylene, completely combustible without generating toxic compounds; wide mouth to easily collect sputum, opening angle of 270°; IEC 60529 certified IP67; a multi-thread closing screw cap of double thread; with identification through a frosted writing panel that accepts pencil; dimensions: Volume of 80 ml; height of 66 mm; mouth diameter of 52 mm.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>BRIGHT FIELD MICROSCOPY</b>			
106535	Binocular bright field microscope – ZN	1	837.36
106629	Reflecting mirror for bright field microscope	1	12.21
106630	Transport case for bright field microscope	1	86.13
106533	Battery pack for microscopes	1	94.11 / 216.00 *
<b>LED MICROSCOPY</b>			
106531	LED microscope	1	1,339.45 / 1,503.80 *
106532	Light mirror for LED microscope	1	20.20 / 24.00 *
106534	Transport case for LED microscope	1	199.10 / 237.00 *
106533	Battery pack for microscopes	1	94.11 / 216.00 *
<b>EQUIPMENT</b>			
106128	Analytical balance	1	2,256.67
106129	Precision balance	1	296.01
<b>REAGENTS</b>			
106276	Auramine O	25 g	48.71
106597	Denatured alcohol	1 lt	12.89
106599	Phenol crystals	2 x 250 g	96.99
106601	Basic fuchsin	4 x 25 g	136.39
106602	Methylene blue	10 x 10 g	143.89
106603	Hydrochloric acid	2 x 500 g	154.06
106604	Sulphuric acid	1000 ml	368.23
106627	Immersion oil	100 ml	9.24

\* Two options, though availability depends on supplier production.



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106525	Sputum containers	1000	83.30
106609	Microscope slides	50 x 20	10.40
106610	AFB quality control slides	6	14.50
106568	Slide storage box	1	1.94
106564	Spirit lamp 200 ml	1	1.88
106565	Cotton wick for spirit lamp	1	0.14
106566	Staining rack	1	4.38
106567	Slide drying rack	1	1.70
106569	Slide-holding forceps	1	0.90
106570	Timer	1	1.11
106572	Staining bottle 250 ml	1	0.46
106573	Staining bottle 500 ml	1	0.53
106574	Beaker 250 ml	1	1.08
106575	Beaker 1000 ml	1	3.47
106576	Measuring cylinder 10 ml	1	1.11
106631	Set of 4 funnels with 100 filters	1	6.60
106655	Wooden applicator sticks 150 mm	1000 sticks	2.51
106656	Lens cleaning tissue	150 tissues	0.57
106571	Reagent bottle 1 lt	1	4.72
106607	Reagent bottle 2 lt	1	20.02
106605	Graduated pipette with suction piston	1	44.24
106606	Weighing boats	12	67.03

# RAPID ANTIGEN DETECTION TESTS (LAM)

The Determine TB LAM Ag test for the detection of lipoarabinomannan (LAM) antigen in urine is now available in the GDF Diagnostics Catalog.

## FEATURED PRODUCT



### DETERMINE TB LAM AG TEST

*Product Code: 106642*

The Determine TB LAM Ag test is the first rapid, urine-based, point-of-care test for TB among people living with HIV. The product is supplied in kits of 100 tests (10 cards with 10 tests per card) with a reference scale card.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>RAPID TESTING</b>			
106642	Determine TB LAM Ag	100	350.00

# GENEXPERT SYSTEM SUPPLIES\*

The GeneXpert system supplied by GDF includes 2, 4, and 16 module options with desktop or laptop computer, as well as the 1-module EDGE. Xpert MTB/RIF and Ultra cartridges, as well as warranties and auxiliary items, are also available in the GDF Diagnostics Catalog.

## FEATURED PRODUCTS



### GENEXPERT GX-IV 4-MODULE SYSTEM WITH DESKTOP

*Product Code: GXIV-4-D*

GeneXpert 4-module instrument with desktop computer and barcode reader. This is the most commonly used configuration globally. Laptop version also available.



### GENEXPERT EDGE

*Product Code: GXI-EDGE-L*

GeneXpert 1-module instrument with tablet, barcode reader and auxiliary batteries.



### XPERT MTB/RIF KIT OF 50 TESTS

*Product Code: CGXMTB-RIF-50*

Xpert MTB/RIF kit of 50 test cartridges for detection of MTB complex and rifampicin resistance.



### XPERT MTB/RIF ULTRA KIT OF 50 TESTS

*Product Code: GXMTB/RIF-ULTRA-50*

Xpert MTB/RIF ULTRA kit of 50 test cartridges for detection of MTB complex and rifampicin resistance.

\* Concessional prices are available for public sector buyers from eligible countries. For the list of eligible countries, see: <https://www.finddx.org/find-negotiated-product-pricing/>

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
GXI-EDGE-L	GeneXpert 1-module Edge with tablet	1	8,945.00
GXIV-2-D	GeneXpert IV-2 modules with desktop computer	1	11,780.00
GXIV-2-L	GeneXpert IV-2 modules with laptop computer	1	12,280.00
GXIV-4-D	GeneXpert IV-4 modules with desktop computer	1	17,000.00
GXIV-4-L	GeneXpert IV-4 modules with laptop computer	1	17,500.00
GXXVI-16-D	GeneXpert XVI-16 modules with desktop computer	1	71,000.00
GXXVI-16-L	GeneXpert XVI-16 modules with desktop computer	1	71,500.00
106493	Solar panel and battery system for GeneXpert System	1	9,150.00
850-0535	Power bank external battery, small	1	99.00
850-0536	Power bank external battery, medium	1	199.00
<b>REAGENTS</b>			
CGXMTB-RIF-50	Xpert MTB/RIF kit of 50 tests	1 x 50 tests	499.00
GXMTB/RIF-ULTRA-50	Xpert MTB/RIF Ultra kit of 50 tests	1 x 50 tests	499.00
<b>CONSUMABLES</b>			
XPRT CHECKCE- 5	GeneXpert Calibration (preventative maintenance) kit for GXIV-4	5	450.00
106683	GeneXpert Calibration (preventative maintenance) kit for Edge	1	450.00
GX4-4 VAL	GeneXpert verification panels delivered with GXIV-4	1	0.00
700-4510	Dust filter for GeneXpert system for GXIV-4 (4 modules)	1	350.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
GXIV-Module	Additional GeneXpert Module for GXIV-4 (4 modules) or XIV-16 (16 modules)	1	3,360.00
GX-SWAP-1	1 GeneXpert module replacement/swap	1	900.00
106680	1 GeneXpert Edge replacement/swap	1	900.00
<b>WARRANTIES</b>			
WX01RG12	GeneXpert warranty extension 1 year - Edge (1 module/1 XpertCheck kit)	1	1,250.00
WX02RG12	GeneXpert warranty extension 1 year - GXIV-2 (2 modules/1 XpertCheck kit)	1	1,896.00
WX04RG12	GeneXpert warranty extension 1 year - GXIV-4 (4 modules/1 XpertCheck kit)	1	2,898.00
WV16RG12	GeneXpert warranty extension 1 year - GXIV-16 (16 modules/1 XpertCheck kit)	1	7,800.00
WX01RG36	GeneXpert warranty extension 3 years - Edge (1 module/3 XpertCheck kits)	1	3,400.00
WX02RG36	GeneXpert warranty extension 3 years - GXIV-2 (2 modules/3 XpertCheck kits)	1	5,184.00
WX04RG36	GeneXpert warranty extension 3 years - GXIV-4 (4 modules/3 XpertCheck kits)	1	7,902.00
WX16RG36	GeneXpert warranty extension 3 years - GXIV-16 (16 modules/3 XpertCheck kits)	1	20,898.00
WX01UP36	GeneXpert warranty extension 3 years - Edge (1 module/4 XpertCheck kits - purchased with system)	1	3,150.00
WX02UP36	GeneXpert warranty extension 3 years - GXIV-2 (2 modules/4 XpertCheck kits - purchased with system)	1	4,500.00
WX04UP36	GeneXpert warranty extension 3 years - GXIV-4 (4 modules/4 XpertCheck kits- purchased with system)	1	6,840.00
WX16UP36	GeneXpert warranty extension 3 years - GXIV-16 (16 modules/4 XpertCheck kits - purchased with system)	1	18,504.00

# LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (TB-LAMP) SUPPLIES\*

The equipment and Loopamp reagents required to perform the loop-mediated isothermal amplification (LAMP) technique are available in the GDF Diagnostics Catalog. Installation, training and maintenance services are also listed.

## FEATURED PRODUCTS



### HUMALOO T

*Product Code: 106632*

Pre-programmed incubator with built-in heating block, reaction block, timer and fluorescence detection unit for lysis, amplification, enzyme inactivation and visual result interpretation.



### LOOPAMP MTBC DETECTION KIT

*Product Code: 106634*

Qualitative in vitro diagnostic test for the detection of MTB complex. The amplification under isothermal conditions enables within a short time the fluorescence or turbidity-based detection of MTB complex.



### LOOPAMP PURE DNA EXTRACTION KIT

*Product Code: 106635*

DNA extraction and isolation method for sputum samples through lysis/heating, removal of inhibitors and elution of DNA directly into the amplification tube.

\* Concessional prices are available for public sector buyers from eligible countries.

For the list of eligible countries, see: <https://www.finddx.org/find-negotiated-product-pricing/>

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106632	HumaLoop T	1	2,695.00
106663	HuMax ITA microcentrifuge	1	632.50
106633	HumaTurb C+ HumaTurb A	1 C & 1 A	17,490.00
106636	HumaHeat	1	1,056.00
106443	UPS 700 VA	1	467.03
106492	Battery pack for UPS 700 VA	1	393.03
<b>REAGENTS</b>			
106634	Loopamp MTBC Detection Kit	2 x 48 tests	219.00
106635	Loopamp PURE DNA Extraction Kit	90 tests	275.00
<b>CONSUMABLES</b>			
106643	Pipette-60 set for TB-LAMP	1	42.00
<b>SERVICES &amp; MAINTENANCE</b>			
106637	Installation for TB-LAMP	1	1,424.50
106638	Training for TB-LAMP	1	275.00
106639	Maintenance for TB-LAMP	1	1,358.50
106640	Maintenance with warranty extension for TB-LAMP	1	1,842.50

# SPECIMEN PROCESSING AND TRANSPORT SUPPLIES

GDF supplies all of the necessary equipment, reagents and consumables for processing and transporting specimens.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106122	Orbital shaker	1	509.79
106220	Overhead stirrer	1	1,492.26
106221	Safety gas burner	1	515.71
106222	Tubing for safety gas burner	1	6.97
106155	Bunsen burner	1	35.27
106156	Tripod stand	1	10.45
106242	Specimen transport box	1	30.93
106243	Refrigerated specimen transport box	1	122.43
<b>REAGENTS</b>			
106280	Ethanol 96%	1 lt	17.50
106281	Sodium hydroxide	1	34.62
106287	Sodium chloride	1 kg	21.70



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106282	Tri-Sodium phosphate dodecahydrate	1 kg	34.22
106284	Tri-Sodium citrate dihydrate	1 kg	72.60
106283	N-acetyl-L-cysteine	100 g	133.53
106286	Cetylpyridinium chloride monohydrate	100 g	111.12
106288	5-Sulfosalicylic acid dihydrate	100 g	36.67
<b>CONSUMABLES</b>			
106237	Plastic test tube rack for 16 mm tubes	1	12.99
106238	Plastic test tube rack for 18 mm tubes	1	6.16
106239	Plastic test tube rack for 30 mm tubes	1	8.60
106230	Stainless steel test tube rack for 18 mm tubes	1	25.98
106231	Stainless steel test tube rack for 35 mm tubes	1	85.64
106509	pH strips	100 strips	11.65
106244	Sturdy container 2 lt	1	7.59
106245	Vermiculite for packaging specimens	1	8.70
106355	Marker pen	1	1.51
106506	Marker pen for PCR tubes	1	1.48
106356	Adhesive labels	1	50.97
106240	Alarm clock	1	4.12

# SOLID CULTURE SUPPLIES

Laboratories performing solid culture techniques using LJ or Middlebrook agars may find all the needed equipment, reagents and consumables in the GDF Diagnostics Catalog.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106223	Electric sterilizer for loops and needles	1	690.69
106247	Precision incubator	1	5,976.24
106248	Shelf for precision incubator	1	188.41
<b>REAGENTS</b>			
106038	BD BBL LJ slants w. Glyc. & PACT	100	125.00
106039	BD BBL Lowenstein-Jensen Medium, slants	100	90.00
106559	BD BBL Middlebrook OADC Enrichment, 100 mL per bottle	6 x 100 ml	234.15
106614	Middlebrook 7H11 Agar Base	500 g	93.33
106615	Middlebrook 7H10 Agar	500 g	83.87
106620	Lowenstein-Jensen Medium - 10 slants - large-size slant	10	15.70
106621	7H11 Agar (Deep Fill) Plates	10	13.60
106259	TB medium LJ base	500 g	59.69
106268	Glycerol 99.5%	1 kg	175.25
106261	Glycerol 99%	1 lt	17.02

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106262	Sodium pyruvate	25 g	30.01
106263	Potassium dihydrogen phosphate	1 kg	37.24
106264	Magnesium sulphate-heptahydrate	500 g	35.78
106265	L-Asparagine-monohydrate	100 g	25.31
106266	Tri-Magnesium di-citrate nonahydrate	100 g	41.09
106267	Malachite green oxalate	100 g	68.34
106269	Sodium-L-Glutamate-monohydrate	1 kg	127.77
106278	Di-Sodium hydrogen phosphate, anhydrous	1 kg	63.26
106279	Di-Sodium hydrogen phosphate dodecahydrate	1 kg	41.22
106289	Para-nitrobenzoic acid	100 g	28.31
106303	Skim milk powder	500 g	41.17
106407	Brain heart infusion agar	500 g	83.86

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106096	Glass beads 3 mm	1 kg	6.19
106097	Glass beads 5 mm	1 kg	6.70
106232	Loop holder	1	8.05
106233	Rack for loop holder	1	23.84
106235	Inoculation loop 3mm	1	38.95
106234	Inoculation loop 4mm	1	0.82
106236	Disposable inoculation loops 10 µl	500	16.28
106098	Lime glass culture tubes 12 ml	100	46.21
106338	Borosilicate glass culture tubes 12 ml	100	25.98
106339	Glass bottle 28 ml	28 ml	1.39
106581	Screw caps for glass bottles	4000	1,120.00
106583	Rack for glass bottles	1	28.78
106432	Slanted rack for 16 mm tubes	1	34.40
106496	Slanted rack for 20 mm tubes	1	34.40
106249	Magnifying hand lens for laboratory	1	53.28

# LIQUID CULTURE SUPPLIES\*

Laboratories performing liquid culture techniques using the BACTEC MGIT 960 or 320 systems or non-commercial techniques may find all the needed equipment, reagents and consumables in the GDF Diagnostics Catalog.

## FEATURED PRODUCTS



### BACTEC MGIT 960 SYSTEM

*Product Code: 106013*

Non-radiometric, fully automated system (annual capacity of 8,300 tubes) for the rapid detection of mycobacteria in clinical specimens, as well as antimicrobial susceptibility testing of anti-tuberculosis drugs.

This product includes Starter Kit (440107) and AST Starter Kit (445941).



### BACTEC MGIT 320 SYSTEM

*Product Code: 106596*

Non-radiometric, fully automated system (annual capacity of 2,700 tubes) for the rapid detection of mycobacteria in clinical specimens, as well as antimicrobial susceptibility testing of anti-tuberculosis drugs.

This product includes Starter Kit (440107) and AST Starter Kit (445941).

\* For MGIT products, concessional prices are available for public sector buyers from eligible countries. For the list of eligible countries, see: <https://www.finddx.org/find-negotiated-product-pricing/>

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106013	BACTEC MGIT 960 System - 445870 (including 440107 + 445941)	1	38,950.00
106596	BACTEC MGIT 320 System - 441743 (including 440107 + 445941)	1	19,500.00
106408	BACTEC Installation and Training	1	3,500.00
106016	Printer for BACTEC	1	532.00
106081	UPS 3000 VA	1	1,318.88
106491	Battery pack for UPS 3000 VA	1	907.76
106451	Densitometer	1	680.00
106475	Slide warmer	1	1,493.21
106085	Pipette filler 1 to 200 ml - battery	1	462.92
106115	Dispenser pipette 10 ml	1	440.72
106180	Electronic pipette dispenser 50 ml	1	781.13
<b>REAGENTS</b>			
106273	BD BBL™ Middlebrook 7H9 Broth with Glycerol, 5 ml	10	25.50
106558	Bottle Middlebrook 7H9 Broth	500 g	42.04
<b>CONSUMABLES</b>			
106272	BD BBL Calibrators Kit (for 1 drawer) (1 ea)	17	155.75
106026	BBL MGIT tubes for use in BACTEC MGIT 960 (7ml)	100	195.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106027	BACTEC MGIT 960 Supplement Kit (PANTA and OADC combined)	100	70.80
106028	BACTEC MGIT 960 SIRE kit	40	72.70
106623	BBL MGIT OADC Enrichment	1	55.00
106582	BD BBL Middlebrook OADC Enrichment, 20 mL per tube, "A" size tube	10	65.80
106033	BACTEC MGIT PZA Kit	50	90.60
106036	BACTEC MGIT PZA Tubes	25	53.55
106037	MycoPrep Specimen Digestion / Decontamination Kit - 150ml	10	81.50
106017	BD MGIT Fluorescence Manual Tube Reader	1	850.00
106021	AST Carrier Set (2-tube) - 3 carriers	3	36.00
106020	AST Carrier Set (3-tube) - 3 carriers	3	36.00
106019	AST Carrier Set (4-tube) - 3 carriers	3	36.00
106018	AST Carrier Set (5-tube) - 3 carriers	3	36.00
106022	AST Carrier Set (8-tube) - 3 carriers	3	36.00
106616	BD BACTEC MGIT 960 - Temperature QC Tube	1	95.62
106617	BD BACTEC MGIT 960 - Spare bar code Set carrier	1	58.20
106618	BD BACTEC MGIT 960 - Plug for Bad Station	10	640.00
106619	MicroMGIT Calibrator	1	150.95
106473	Filters, Air MGIT 960 (square)	1	52.20

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106474	Filters, Air MGIT 960 (rectangular)	1	70.43
106452	BACTEC MGIT 960 AST transport rack	1	135.00
106468	Mc Farland standard set	1	228.91
106181	Sterile dispenser tips 10ml	100 ml	197.34
106209	Sterile serological pipette 5 ml	200	57.55
106550	Sterile serological pipette 10 ml	200	57.56
106241	Measuring pipette 1 ml	1	4.02
106394	Sterile Pasteur pipettes 3 ml	500	44.64
106434	Non sterile Pasteur pipettes 3 ml	500	9.34
106351	Sterile syringes 20 ml	50	3.61
106352	Sterile syringe filter	50	120.87
106114	Glass petri dish	72	95.31
106113	Plastic petri dish	480	37.41



# SOLID AND LIQUID CULTURE DRUG SUSCEPTIBILITY TESTING (DST): FIRST-LINE DRUG PURE SUBSTANCES

GDF supplies pure drug substances for first-line drug susceptibility testing using solid and liquid culture techniques.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>REAGENTS</b>			
106308	Isoniazid for laboratory use	5 g	26.55
106309	Rifampicin for laboratory use	1 g	152.28
106310	Ethambutol for laboratory use	25 g	158.03
106307	Dimethyl sulfoxide	250 ml	15.46
106312	Nicotinic acid amide for laboratory use	100 g	45.30

# SOLID AND LIQUID CULTURE DST: SECOND-LINE DRUG PURE SUBSTANCES

GDF supplies pure drug substances for second-line drug susceptibility testing using solid and liquid culture techniques, including lyophilized vials for use with BACTEC MGIT systems.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>REAGENTS - LYOPHILIZED</b>			
106585	Moxifloxacin - lyophilized drug for laboratory use with BACTEC MGIT	6	90.00
106588	Ofloxacin - lyophilized drug for laboratory use with BACTEC MGIT	6	90.00
106586	Amikacin - lyophilized drug for laboratory use with BACTEC MGIT	6	90.00
106584	Kanamycin - lyophilized drug for laboratory use with BACTEC MGIT	6	90.00 (please contact GDF for availability)
106587	Capreomycin - lyophilized drug for laboratory use with BACTEC MGIT	6	90.00 (please contact GDF for availability)

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>REAGENTS – POWDER</b>			
106560	Levofloxacin for laboratory use	1 g	48.23
106314	Moxifloxacin for laboratory use	1 g	368.69
106653	Linezolid for laboratory use	25 mg	216.85
106654	Clofazimine for laboratory use	1 g	100.10
106318	Amikacin for laboratory use	5 g	689.73
106313	Ofloxacin for laboratory use	10 g	315.39
106316	Ethionamide for laboratory use	5 g	112.97
106315	Protionamide for laboratory use	2 g	128.27
106317	Kanamycin for laboratory use	5 g	67.22 (please contact GDF for availability)
106319	Capreomycin for laboratory use	1 g	300.12 (please contact GDF for availability)

# SOLID AND LIQUID CULTURE: RAPID TESTS FOR MTB IDENTIFICATION

Rapid identification of *Mycobacterium tuberculosis* complex from culture is possible using the MPT 64 antigen detection kits available in the GDF Diagnostics Catalog, including the TB Ag MPT64 Rapid and Capilia TB-Neo tests.

## FEATURED PRODUCTS



### SD BIOLINE TB AG MPT64 – RAPID TEST FOR DETECTION OF MPT 64 ANTIGEN

Product Code: 106414



### CAPILIA TB-NEO – RAPID TEST FOR DETECTION OF MPT 64 ANTIGEN

Product Code: 106611

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
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#### RAPID TESTING

106414	Rapid test for detection of MPT 64 Antigen - SD Bioline TB Ag MPT64	25	35.00
106611	Capilia TB-Neo - Rapid test for detection of MPT 64 Antigen	100	100.00
106612	Capilia TB-Neo Extraction buffer	20 ml	8.00

# SOLID AND LIQUID CULTURE: CHEMICALS FOR MTB IDENTIFICATION

Chemicals for identification of *Mycobacterium tuberculosis* complex from culture using conventional methods are also available in the GDF Diagnostics Catalog.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>REAGENTS</b>			
106292	Polysorbate 80	1 kg	116.82
106293	Hydrogen peroxide	250 ml	32.46
106295	Di-Sodium hydrogen phosphate	1 kg	51.58
106297	Sulphanilamide	100 g	87.60
106298	N-(1-Naphthyl)-ethylendiamine dihydrochloride in glass bottle	25 g	143.89
106301	Cyanogen bromide	50 g	94.12
106302	Aniline / o-toluidine	100 ml	30.33
106311	Dihydro-streptomycin (DHSM) - for laboratory use	5 g	65.61

## LINE PROBE ASSAY (LPA) SUPPLIES\*

GDF supplies all of the necessary equipment, reagents and consumables to perform line probe assays (LPA). The catalogue includes LPA kits for both first-line (GenoType MTBDR*plus*) and second-line (GenoType MTBDR*s/*) drug susceptibility testing, as well as for detection of non-tuberculosis mycobacteria.

### FEATURED PRODUCTS



#### GENOTYPE MTBDR*plus*

*Product Code: 106512*

Molecular line probe assay for identification of *M. tuberculosis* complex and its resistance to rifampicin and isoniazid from smear-positive specimens and cultures. Product includes Master mix.



#### GENOTYPE MTBDR*s/*

*Product Code: 106513*

Molecular line probe assay for identification of *M. tuberculosis* complex and its resistance to fluoroquinolones and aminoglycosides/cyclic peptides from rifampicin-resistant or MDR sputum specimens or cultures. Product includes Master mix.

\* Concessional prices are available for public sector buyers from eligible countries.

For the list of eligible countries, see: <https://www.finddx.org/find-negotiated-product-pricing/>

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106050	Thermoshaker / Twincubator	1	2,200.00 EURO
106064	GT blot - 48	1	14,352.00 EURO
106438	GT-Blot 48 Tray for 96 strips (black)	1	2.90 EURO
106613	GTQ-Cycler 96	1	4,595.00 EURO
106045	Tabletop PCR workstation with UV light	1	2,208.36
106425	Thermoblock	1	1,052.48
106046	Thermocycler	1	7,646.92
106213	UV transilluminator 312nm	1	1,844.47
106205	UV transilluminator 365nm	1	1,685.61
106411	UV crosslinker	1	1,907.62
106074	Minicentrifuge	1	134.43
106048	Microcentrifuge	1	2,026.94
106224	Refrigerated bench top centrifuge	1	5,794.32
106225	4 - Place rotor for refrigerated bench top centrifuge	1	922.72
106226	4 - Rotor buckets for refrigerated bench top centrifuge	4	558.73
106227	4 - Lids for rotor buckets for refrigerated bench top centrifuge	4	167.21
106228	4 - Adapter for 50 ml tubes for refrigerated bench top centrifuge	4	314.03

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106229	4 - Adapter for 12 ml/15 ml tubes for refrigerated bench top centrifuge	4	314.03
106219	Minishaker / Vortex	1	256.82
106510	Waterbath 7 lt	1	677.61
106131	Waterbath 22 lt	1	925.52

### REAGENTS

106512	GenoType MTBDR plus V2 Test kit: 1) GenoType MTBDRplus Version 2.0 (30496A); 2) GenoLyse including service and support pack (51610).	96	720.00 EURO
106513	GenoType MTBDRsl 2.0 (without Genolyse)	96	720.00 EURO
106590	GenoType Mycobacterium CM Version 2 (without Genolyse)	96	720.00 EURO
106591	GenoType Mycobacterium AS (without Genolyse)	96	720.00 EURO
106622	GenoType MTBC	96	720.00 EURO
106477	GenoLyse, Version 1.0	96	50.00 EURO
106254	Molecular grade water	10 x 1.7ml	195.44



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106439	GT-Blot 48 reagent set	1	0.00 EURO
106073	Special marker pens for Hain strips	6	0.00 EURO
106066	Genoscan reader (GS-001) + PC + Screen + software	1	12,180.00 EURO
106053	Single channel pipette 1 - 10 µl	1	245.03
106054	Single channel pipette 2 - 20 µl	1	226.94
106055	Single channel pipette 10 - 100 µl	1	226.94
106056	Single channel pipette 20 - 200 µl	1	226.94
106057	Single channel pipette 200 - 1000 µl	1	226.94
106456	Rack for 3 single channel pipettes	1	27.63
106270	Rack for 4 single channel pipettes	1	30.83
106058	Rack for 6 single channel pipettes	1	36.49
106554	Sterile filter tips 0.1-10 µl	10 x 96	129.72
106555	Sterile filter tips 0.2-20 µl	10 x 96	129.72
106388	Sterile filter tips 5-100 µl	10 x 96	72.75
106389	Sterile filter tips 1-200 µl	10 x 96	53.59
106390	Sterile filter tips 100-1000 µl	10 x 96	58.97
106061	Repetitive pipette for combitips	1	211.48
106396	Combitips 5 ml	100	64.34

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106398	Combitips 12.5 ml	100	72.83
106412	Long 1 ml tips with filter	800	97.03
106385	PCR tubes 0.2 ml	1000	46.16
106344	Sterile cryovials 2ml	1000	332.15
106383	Sterile cryovials 2 ml single handed	1000	255.14
106068	Rack for PCR tubes of 0.2 ml	10	24.58
106410	Rack for sterile cryovials 2 ml	1	12.88
106051	Storage cardboard box for PCR tubes 0.2 ml	1	3.10
106052	Storage cardboard box for sterile cryovials 2ml	1	2.46
106217	Storage plastic box for PCR tubes 0.2 ml	1	5.50
106495	Storage plastic box for sterile cryovials 2ml	1	4.19
106446	Quick chiller for tubes 0.2 to 1.5 ml	1	109.44
106357	Labels for cryovials	1000	26.31
106384	Sterile plastic centrifuge tubes 15 ml	500	85.34
106340	Sterile plastic centrifuge tubes 50 ml	500	74.10
106421	Microcentrifuge tubes 1.5 ml	500	108.12
106422	Microcentrifuge tubes 2 ml	500	109.44
106454	Four-way rack for 15-50 ml tubes	1	8.55
106246	Rack for 1.5-2 ml tubes	1	3.61

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106413	Rack for 50 ml tubes	1	13.54
106216	Floating test tube rack	5	11.00
106455	Modular heating block	1	88.55
106556	Sterile plastic laboratory forceps	50	7.56
106208	Steel laboratory forceps	1	1.39
106401	Sealing film	1	26.14

# ELECTROPHORESIS SUPPLIES

Necessary equipment and reagents for molecular testing using gel electrophoresis are available in the GDF Diagnostics Catalog.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106211	Electrophoresis chamber	1	368.77
106212	Power supply for electrophoresis chamber	1	647.93
<b>REAGENTS</b>			
106321	Agarose	100 g	246.67
106322	Boric acid	1 kg	52.36
106323	Sodium acetate trihydrate	1 kg	40.40
106324	Ethidium bromide powder	1 g	57.32
106336	Ethidium bromide solution	5 ml	20.62
106325	TRIS	1 kg	216.41
106326	EDTA	250 g	23.22
106327	Gel load buffer	1	38.48
106334	DNA ladder	1	98.17

# INTERFERON-GAMMA RELEASE ASSAYS (IGRAS)

The reagents required to perform IGRAs for detection of latent TB infection are available in the GDF Diagnostics Catalog.

## FEATURED PRODUCTS



## QUANTIFERON-TB GOLD PLUS

### (QFT-PLUS) TEST KIT

*Product code: 106671, 106672*

The QFT-Plus assay is a whole-blood test that uses specialized blood collection tubes and involves the ELISA method to detect interferon-gamma concentration. The test requires use of products from a QFT-Plus kit (available options include 2-plate or 20-plate ELISA kits) and QFT-Plus blood collection tubes. Blood collection tubes come as packs with or without cannulas and brackets, and high altitude options are available for collection sites at altitudes between 1020 m (3350 ft) and 1875 m (6150 ft). Tubes should be incubated within 16 hours of blood collection.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>QUANTIFERON-TB GOLD PLUS (QFT-PLUS) IGRA</b>			
106671	QFT-Plus test kit: ELISA 2 x 96 (for 44 patient tests)	1	279.40
106672	QFT-Plus test kit: : ELISA 20 x 96 (for 440 patient tests)	1	2,798.40
106673	QFT-Plus blood collection tubes (for 50 patient tests)	200 tubes	477.00
106674	QFT-Plus blood collection tubes - High Altitude (for 50 patient tests)	200 tubes	477.00
106675	QFT-Plus blood collection tubes: Single Patient Pack (for 10 patient tests)	40 tubes	95.40
106676	QFT-Plus blood collection tubes: Single Patient Pack - High Altitude (for 10 patient tests)	40 tubes	95.40

Countries eligible for QFT-Plus concessional prices through GDF include:

- **Low- and middle-income countries:** All, *except* Turkey
- **High-income countries:** Antigua and Barbuda, Bahamas, Barbados, Chile, Estonia, Guam, Hong Kong SAR China, Israel, Latvia, Lithuania, Macao SAR China, New Caledonia, Palau, Panama, Seychelles, St. Kitts and Nevis, Taiwan China, Trinidad and Tobago, Uruguay

# MEDIA KITCHEN SUPPLIES

A wide assortment of standard equipment, plastic ware, glass ware and consumables are available in the GDF Diagnostics Catalog to equip and maintain laboratories conducting various TB procedures.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106257	Laboratory oven 32 lt	1	1,031.29
106099	Laboratory oven 250 lt	1	3,493.31
106100	Shelves for laboratory oven 250 lt	1	113.48
106136	Automated culture media dispenser	1	3,042.48
106138	Inspissator for TB culture medium preparation	1	4,931.00
106127	Water distiller	1	1,952.43
106137	Glassware stand	1	51.76
106140	Laboratory refrigerator 140 lt	1	1,295.86
106424	Laboratory freezer 140 lt	1	1,060.70
106142	Laboratory deep freezer 70 lt	1	11,778.32
106592	Laboratory deep freezer 550 lt	1	11,291.28
106593	Rack for laboratory deep freezer 550 lt	1	190.48
106594	Cryo-gloves for laboratory deep freezer 550 lt	1	159.39
106595	Voltage stabilizer for laboratory deep freezer 550 lt	1	286.00
106130	pH meter	1	455.93



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106132	Hot plate stirrer	1	806.49
106557	Magnetic bars	12	39.30
106426	Laboratory blender	1	355.21
106427	Jar for laboratory blender	1	95.90
<b>PLASTICWARE</b>			
106144	Canister 10 lt	1	51.32
106143	Canister 30 lt	1	88.72
106145	Stop cock for the canister 10/30 lt	1	15.83
106182	Screw caps for the canister 10/30 lt	1	5.39
106157	Swan-neck bottles - set	1	3.55
106158	Laboratory tray	1	12.20
106201	Laboratory drying rack for glassware	1	77.81
106202	Plastic funnel 75 mm	1	0.67
106204	Plastic powder funnel 100 mm	1	1.80
106174	Plastic measuring cylinder 100 ml	1	5.34
106173	Plastic measuring cylinder 250 ml	1	8.63
106172	Plastic measuring cylinder 500 ml	1	11.75
106171	Plastic measuring cylinder 1000 ml	1	19.73
106175	PMP measuring cylinder 50 ml	1	4.68
106188	Plastic laboratory beaker 100 ml	1	12.66

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106189	Plastic laboratory beaker 250 ml	1	21.75
106190	Plastic laboratory beaker 500 ml	1	35.66
106191	Plastic laboratory beaker 1000 ml	1	59.41
106192	Plastic laboratory beaker 2000 ml	1	5.82
106402	Plastic bottle 500 ml	1	0.72
<b>GLASSWARE</b>			
106135	Glass dropping funnel 250 ml	1	56.70
106134	Glass dropping funnel 1000 ml	1	82.29
106203	Glass funnel 125 mm	1	7.40
106152	Woulff bottle kit	1	54.30
106146	Glass measuring pipette 1 ml	10	29.10
106147	Glass measuring pipette 2 ml	10	29.10
106148	Glass measuring pipette 5 ml	10	34.04
106149	Glass measuring pipette 10 ml	10	34.86
106164	Erlenmeyer flask 50 ml	10	17.92
106163	Erlenmeyer flask 100 ml	10	16.28
106162	Erlenmeyer flask 250 ml	10	19.24
106161	Erlenmeyer flask 500 ml	10	27.29
106160	Erlenmeyer flask 1000 ml	10	43.08
106159	Erlenmeyer flask 2000 ml	10	78.60

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106170	Glass measuring cylinder 25 ml	1	6.77
106169	Glass measuring cylinder 50 ml	1	7.48
106168	Glass measuring cylinder 100 ml	1	8.43
106167	Glass measuring cylinder 250 ml	1	15.01
106166	Glass measuring cylinder 500 ml	1	24.93
106165	Glass measuring cylinder 1000 ml	1	39,35
106179	Glass flask 500 ml	1	2.46
106178	Glass flask 1000 ml	1	2.74
106177	Glass flask 2000 ml	1	8.90
106176	Glass flask 2500 ml	1	57.90
106187	Glass laboratory beaker 100 ml	1	1.54
106186	Glass laboratory beaker 250 ml	1	1.77
106185	Glass laboratory beaker 600 ml	1	2.61
106184	Glass laboratory beaker 1000 ml	1	3.79
106183	Glass laboratory beaker 2000 ml	1	6.34
106200	Glass volumetric flask 20 ml	1	6.66
106199	Glass volumetric flask 25 ml	1	6.66
106198	Glass volumetric flask 50 ml	1	7.48
106197	Glass volumetric flask 100 ml	1	10.21
106196	Glass volumetric flask 200 ml	1	14.68
106195	Glass volumetric flask 250 ml	1	17.20

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106194	Glass volumetric flask 500 ml	1	18.64
106193	Glass volumetric flask 1000 ml	1	29.46
106192	Laboratory beakers; 2000 ml (PP)	1	5.82
106200	Volumetric flask 20 ml	1	6.66
106199	Volumetric flask 25 ml	1	6.66
106198	Volumetric flask 50 ml	1	7.48
106197	Volumetric flask 100 ml	1	10.21
106196	Volumetric flask 200 ml	1	14.68
106195	Volumetric flask 250 ml	1	17.20
106194	Volumetric flask 500 ml	1	18.64
106193	Volumetric flask 1000 ml	1	29.46
<b>CONSUMABLES</b>			
106095	Stainless steel funnel	1	16.87
106109	Box for 10 to 25 cm pipettes	1	65.61
106110	Box for 35 cm pipettes	1	96.58
106111	Inlay for pipette box	1	7.00
106112	Pipette washer kit	1	179.00
106360	Laboratory aluminium foil	1	84.00
106363	Brush for test tubes	5	12.74
106364	Brush for erlenmeyer flasks	1	5.54

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106150	Desiccator	1	210.69
106151	Vacuum pump for desiccator	1	303.29
106154	Silica gel for desiccator	1 kg	55.25
106153	Vacuum tube 3 m	1	20.12
106206	Laboratory strainer	1	14.20
106207	Laboratory spatulas set	1	18.43
106415	Square filter paper 580mm	100	118.40
106353	Round filter paper 185mm	100	35.35
106354	Round filter paper 150mm	100	24.66
106494	Calibrated thermometer	1	328.07
106063	Digital thermometer	1	116.29
106088	Indoor and outdoor thermometer	1	12.25
106442	Thermometer for laboratory deep-freezers	1	5.18
106453	Thermometer for Laboratory ovens	1	6.57
106084	Rubber pipetting bulb	1	2.94
106086	Pipette fillers set	1	34.40

# AUTOCLAVE SUPPLIES

GDF supplies two autoclaves and their accessories for sterilizing solutions and glassware and for decontamination of infectious materials.

## FEATURED PRODUCTS



### AUTOCLAVES FOR MEDIA KITCHEN

*Product code: 106116*

Two types of top-loading vertical autoclaves are available for media kitchen (sterilizing solutions and glassware): the 80 liter VX-75 and the 82 liter Laboklav 80MSLV



### AUTOCLAVES FOR WASTE MANAGEMENT

*Product code: 106117*

Two types of top-loading vertical autoclaves are available for waste management: the 80 liter VX-75 and the 82 liter Laboklav 80V



### SEPARATE WATER SUPPLY FOR DEIONIZED WATER

*Product code: 106107*

This separate water supply unit for deionized water is made of stainless steel and can be wall mounted. The unit comes with a conductivity measure with digital display, as well as hoses and a mounting kit.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
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**FOR MEDIA KITCHEN** (Two types are available)

106116	<b>Autoclave basic unit for Media Kitchen</b>	1	<b>15,459.12</b>
106118	Exhaust air filtration system for Autoclave	1	3,248.71
106119	Autoclave stainless steel buckets	1	287.13
106120	Autoclave stainless steel baskets	1	1,043.44
106121	Printer for Autoclave	1	1,346.85
106580	Compressor for Autoclave 106116	1	1,429.86
106490	Installation and Training - Autoclave	1	900.00
106116	<b>Autoclave basic unit for Media Kitchen</b>	1	<b>21,323.38</b>
106118	Exhaust air filtration system for Autoclave	1	2,664.09
106119	Autoclave stainless steel buckets	1	427.57
106120	Autoclave stainless steel baskets	1	180.07
106121	Printer for Autoclave	1	1,053.80
106580	Compressor for Autoclave 106116	1	1,429.86
106490	Installation and Training - Autoclave	1	900.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
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**FOR WASTE MANAGEMENT** (Two types are available)

106117	<b>Autoclave basic unit for Waste Management</b>	1	<b>20,121.28</b>
106118	Exhaust air filtration system for Autoclave	1	3,248.71
106119	Autoclave stainless steel buckets	1	287.13
106120	Autoclave stainless steel baskets	1	1,043.44
106121	Printer for Autoclave	1	1,346.85
106490	Installation and Training - Autoclave	1	900.00
106117	<b>Autoclave basic unit for Waste Management</b>	1	<b>17,168.58</b>
106118	Exhaust air filtration system for Autoclave	1	2,664.09
106119	Autoclave stainless steel buckets	1	427.57
106120	Autoclave stainless steel baskets	1	180.07
106121	Printer for Autoclave	1	1,053.80
106490	Installation and Training - Autoclave	1	900.00

**WATER SUPPLY**

106107	Separate water supply for deionised water + conductivity measure	1	1,340.26
106124	Ion exchanger cartridge	1	616.68
106125	Conductivity measuring device	1	254.89
106126	Ion exchanger resin for laboratory grade water	1	17.76
106108	Aqua purificator cabinet for two de-mineralising cartridges	1	617.50



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106101	Laboratory washer-disinfector	1	5,328.18
106102	Washer-disinfector 1/2 insert	1	142.08
106103	1/2 insert for baskets	1	233.84
106104	Upper basket/ injector for nozzles	1	1117.93
106105	1/4 insert, for test tubes 160x16	1	193.39
<b>CONSUMABLES</b>			
106379	Salt for dish washer	12 kg	13.30
106380	Rinse aid for dish washer	1 lt	12.52

# WASTE MANAGEMENT SUPPLIES

GDF supplies all of the necessary reagents and consumables for proper waste management in a TB laboratory.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>REAGENTS</b>			
106328	Formalin solution	1 lt	33.82
106331	Phenol	1 Kg	69.66
106333	Isopropanol	5 lt	15.01
<b>CONSUMABLES</b>			
106250	Stainless steel bucket 10 lt	1	55.71
106251	Discard bin 2 lt	1	42.42
106252	Stainless steel funnel 120 mm	1	13.32
106253	Safety box for liquids 2 lt	30	59.33
106255	Waste containers for solids 10 lt	6	54.31
106256	Waste container for liquids 4 lt	1	55.46
106348	Transparent polypropylene bags	100	175.96
106358	Sterilization indicator tape for hot air oven - dry	1	13.32
106359	Sterilization indicator tape for autoclaves - steam	1	2.13

# BIOSAFETY CABINET (BSC) SUPPLIES

GDF offers a class II-A2 biological safety cabinet (BSC) with two or three filters to help maintain a safe working environment for laboratory workers handling infectious specimens. Installation and training are also offered.

## FEATURED PRODUCTS



### SCANLAF MARS AND MARS PRO BSCS

*Product code: 106076*

The Labogene ScanLaf dual filter Mars model and the triple filter Mars Pro model BSCs come in 4, 5 and 6 foot working width options. Class II-A2 biosafety cabinets are described as being the preferred option in the WHO guidelines on TB laboratory biosafety.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CLASS II – 2 FILTERS</b>			
106076	<b>Biosafety Cabinet - 2 filters; 4, 5 or 6 feet</b>	1	<b>16,417.04</b>
106077	Base Support for BSC	1	971.41
106078	Thimble for Class IIA, hood for BSC	1	1,989.19
106471	Formaldehyde/neutralization fumigation top plate	1	1,143.91
106472	HVP fumigation plate	1	931.94
106469	Double Exhaust filter	1	1,989.19
106285	Exhaust HEPA Air Filter	1	633.46
106047	Main HEPA Filter for air down flow	1	1,266.92
106489	Installation and Training - BSC	1	900.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CLASS II – 3 FILTERS</b>			
106076	<b>Biosafety Cabinet - 3 filters; 4, 5 or 6 feet</b>	1	<b>18,951.55</b>
106078	Thimble for Class IIA, hood for BSC	1	1,989.19
106471	Formaldehyde/neutralization fumigation top plate	1	1,143.91
106472	HVP fumigation plate	1	931.94
106285	Exhaust HEPA Air Filter	1	633.46
106047	Main HEPA Filter for air down flow	1	1,266.92
106123	Pre HEPA filter for down flow and in take air	1	170.53
106489	Installation and Training - BSC	1	900.00
<b>EQUIPMENT FOR BOTH BIOSAFETY CABINETS</b>			
106081	UPS 3000 VA	1	1,318.88
106491	Battery pack for UPS 3000 VA	1	907.76

# BIOSAFETY SUPPLIES

A wide assortment of biosafety supplies and personal protective equipment (PPE) are included in the GDF Diagnostics Catalog to help protect laboratory workers and maintain a safe working environment.

## FEATURED PRODUCTS



### DISPOSABLE N95 RESPIRATORS

*Product code: 106369*

Disposable N95 (FFP2) respirators meeting European Standard EN 149:2001 + A1:2009, and providing the recommended level of protection for laboratory and other health workers following WHO guidelines on TB laboratory biosafety. Manufacturer and model: 3M 9320+



### FIRST AID KIT

*Product code: 106094*

This first aid kit has been designed for scientific laboratories, with an additional eye rinsing bottle. The kit can be wall mounted.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
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#### EQUIPMENT

106079	Thermic anemometer	1	1,993.15
106082	Laboratory chair	1	195.03
106083	Mobile drawer cabinet	1	583.79
106608	Laboratory trolley	1	144.79

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106369	Disposable N95 respirators	10	20.06
106507	Airflow test set	1	90.74
106508	Refill for airflow test set	1	50.61
106087	Culture transportation packaging	1	22.23
106094	First aid kit for laboratories	1	126.61
106345	Latex gloves size S	1000	50.32
106346	Latex gloves size M	1000	50.32
106347	Latex gloves size L	1000	50.32
106497	Disposable nitrile gloves size S	100	15.92
106498	Disposable nitrile gloves size M	100	15.92
106499	Disposable nitrile gloves size L	100	15.92
106403	Non-disposable nitrile gloves size S	12	24.27
106404	Non-disposable nitrile gloves size M	12	24.27
106405	Non-disposable nitrile gloves size L	12	24.27
106503	Cotton laboratory coat size S	1	19.07
106504	Cotton laboratory coat size M	1	19.07
106505	Cotton laboratory coat size L	1	19.07
106553	Sterile disposable laboratory coats size S	50	46.94
106552	Sterile disposable laboratory coats size M	50	46.94

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106551	Sterile disposable laboratory coats size L	50	46.94
106435	Sterile disposable surgical gowns size S	20	57.84
106436	Sterile disposable surgical gowns size M	20	59.46
106437	Sterile disposable surgical gowns size L	20	60.75
106500	Cotton surgical gown size S	1	17.84
106501	Cotton surgical gown size M	1	17.84
106502	Cotton surgical gown size L	1	17.84
106092	Protective goggles	1	11.34
106440	Laboratory shoe covers	1000	22.85
106441	Laboratory hair covers	2000	22.20
106376	Cotton wool	1	5.49
106377	Absorbent laboratory paper	1	29.60
106091	Paper towel holder	1	21.29
106375	Paper towels	5000 towels	15.21
106349	Tripod stand for plastic bags 2 lt	1	10.87
106399	Plastic bags 2 lt	100	7.89
106445	Stand for plastic bags 30 lt	1	47.77
106444	Plastic bags 30 lt	200	79.10
106089	Plastic foil welder	1	205.72
106362	Plastic foil 100 m	1	68.90
106409	Waste containers for sharps 2 lt	10	16.11

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>DISINFECTANTS</b>			
106374	Disinfectant for hands	1 lt	9.09
106090	Dispenser for soap-disinfectant	1	55.09
106624	Chlorine disinfectant	100	30.25
106373	Liquid soap for laboratory	1 lt	3.14
106294	Cleaner and disinfectant for instruments	2 lt	47.44
106304	Hand pump for Cleaner and disinfectant for instruments	1	7.02
106370	Disinfectant for floors	1	13.79
106371	Disinfectant for alcohol-resistant surfaces	5 lt	38.11
106372	Spray dispenser 1 lt	1	5.32
106378	Detergent powder	10 kg	160.96





**Stop  Partnership**  
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