

# AUGUST 2018 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 AUGUST 2018

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 catalogue are listed as ex-works (EXW) prices.

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

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# GDF 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:

- Ziehl Neelsen stain solution, 1 lt (Strong Carbol Fuchsin 1% solution for ZN staining): 6
- Ziehl Neelsen decolourisation solution, 1 lt (Ready-made decolourisation solution of ZN stained slides – 3.0% HCl/alcohol): 6
- Ziehl Neelsen counterstaining solution, 1 lt (Methylene blue 0,1%, counterstaining solution for ZN stain): 6
- 50 x 20 Microscope slides: 1
- 100 x Filter papers: 1
- 10 x Pencils: 1
- 2 x Waterproof marker pens: 1
- 500 x Plastic bags W 200 mm x L 300 mm: 1
- 1000 x Wooden applicator sticks: 2
- 400 x Nitrile pairs of gloves (100 small, 200 medium, 100 large): 1
- 30 x 150 Carton of paper towels: 1
- Lens cleaning tissue – 100 tissues: 1
- Immersion oil 100 ml: 1
- Denatured alcohol 96% 0.5 lt: 5
- Stable chlorine disinfectant 50 tabs: 5



### 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:

- 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): 1 set
- Auramine decolourisation solution, 1 lt (Ready-made decolourisation solution 0.5% HCl/alcohol): 6
- Auramine counterstaining solution, 1 lt (Methylene blue 0,3%, counterstaining solution for auramine O stain): 6
- 50 x 20 Microscope slides: 1
- 100 x Filter papers: 1
- 10 x Pencils: 1
- 2 x Waterproof marker pens: 1
- 500 x Plastic bags W 200 mm x L 300 mm: 1
- 1000 x Wooden applicator sticks: 1
- 400 x Nitrile pairs of gloves (100 small, 200 medium, 100 large): 1
- 30x150 Carton of paper towels: 1
- Lens cleaning tissue – 100 tissues: 1
- Immersion oil 100 ml: 1
- Denatured alcohol 96% 0.5 lt: 1
- Stable chlorine disinfectant 50 tabs: 5



## 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:

- Glass alcohol lamp with 1-meter pre-cut wicks: 2
- Timer: 1
- Staining rack: 2
- Slide drying racks: 2
- Slide storage boxes: 6
- Slide-holding forceps: 2
- Reagent bottle: 4
- Staining bottle 250 ml: 3
- Staining bottle 500 ml: 3
- Beaker 250 ml: 1
- Beaker 1000 ml: 1
- Measuring cylinder 10 ml: 1
- Goggles: 2
- 4 x funnels (1 large 155 mm, 1 medium 120 mm and 2 small 45 mm) with 100 filter papers: 1
- Set of pencil sharpener with 10 pencils: 1
- 3 x stands for waste bags with 500 plastic bags: 1
- Paper towel dispenser with 1 carton of paper: 1
- GLI Handbook on Lab Diagnosis of TB by Sputum Microscopy: 5
- SOPs: 1
- 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 light microscopy	1	244.00
106523	Diagnostic consumables kit – LED / Auramine microscopy	1	182.50
106526	Equipment and starter kit for LED or ZN light 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	Binocular bright field microscope – reflecting mirror	1	12.21
106533	Microscope – battery supply unit	1	94.11
106630	Binocular bright field microscope – transport case	1	86.13
<b>LED MICROSCOPY</b>			
106531	LED microscope (basic configuration)	1	1,339.45 / 1,503.80
106532	LED microscope – light mirror	1	20.20 / 24.71
106533	Microscope – battery supply unit	1	94.11 / 216.00
106534	LED microscope – transport case	1	199.10 / 237.00
<b>REAGENTS</b>			
106627	Immersion oil	1 x 100 ml	9.24
106597	Denatured Alcohol	1 lt	12.89
106599	Colourless phenol crystals	2 x 250 gr	96.99
106276	Auramine O	25 gr	48.71
106601	Basic Fuchsin	4 x 25 gr	331.04
106602	Methylene blue	10 x 10 gr	3,781.10
106603	Hydrochloric acid	2 x 500 gr	154.06
106604	Sulphuric Acid	1000 ml	368.23

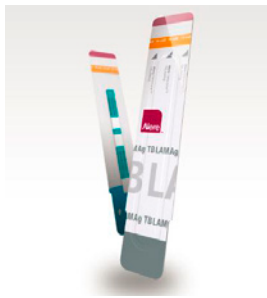


PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106525	Sputum containers	1000 pcs	83.30
106610	AFB quality control slides	80 pcs	14.50
106564	Spirit lamp	1 x 200 ml	1.88
106565	Roll of cotton wick for spirit lamp	1 mtr	0.14
106566	Staining rack	1	4.38
106567	Slide drying rack	1	1.70
106568	Slide storage box	1	1.94
106569	Slide-holding forceps	1	0.90
106570	Mechanical timer	1	1.11
106572	Staining bottle	1 x 250 ml	0.46
106573	Staining bottle	1 x 500 ml	0.53
106574	Beaker	1 x 250 ml	1.08
106575	Beaker	1 x 1000 ml	3.47
106576	Measuring cylinder	1 x 10 ml	1.11
106609	Microscope slides	50 x 20 slides	10.40
106631	Set of 4 funnels with 100 filters	1 set	6.60
106571	Reagent bottle	1 x 1 lt	4.72
106607	Reagent bottle	1 x 2 lt	20.02
106605	Suction piston graduated pipette	1 x 50 ml	44.24
106606	Weighing boats	1 x 12 pcs	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 catalogue.

## 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)
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#### RAPID TESTING

106642	Determine TB LAM Ag	100 tests	350.00
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# GENEXPERT SYSTEM SUPPLIES\*

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

## 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 GX-XVI 16-MODULE SYSTEM WITH DESKTOP

*Product Code: GXXVI-16-D*

GeneXpert 16-module instrument with desktop computer and barcode reader. Laptop version also available.



### 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>			
GXIV-2-D	GeneXpert GX-IV 2-Module System with Desktop	1	11,780.00
GXIV-2-L	GeneXpert GX-IV 2-Module System with Laptop	1	12,280.00
GXIV-4-D	GeneXpert GX-IV 4-Module System with Desktop	1	17,000.00
GXIV-4-L	GeneXpert GX-IV 4-Module System with Laptop	1	17,500.00
GXXVI-16-D	GeneXpert GX-XVI 16-Module System with Desktop	1	71,000.00
GXXVI-16-L	GeneXpert GX-XVI 16-Module System with Laptop	1	71,500.00
106493	Solar panel and battery system for GeneXpert System	1	9,714.06
<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	XpertCheck Calibration Pack for GeneXpert GX-IV 4-Module System	1 x 5 pcs	450.00
GX4-4 VAL	Validation Pack for new GeneXpert GX-IV 4-Module System	1	0.00
700-4510	Dust Filter for GeneXpert System	1	350.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
GXIV-Module	Additional/Replacement GeneXpert Module	1	3,360.00
GX-SWAP-1	1 Module replacement	1	900.00
GX-SWAP-2	2 Modules replacement	1	1,200.00
GX-SWAP-3	3 Modules replacement	1	1,500.00
GX-SWAP-4	4 Modules replacement	1	1,800.00
<b>SERVICES &amp; MAINTENANCE</b>			
WX02RG12	1-year warranty extension – GX-IV (2-Module System)	1	1,896.00
WX04RG12	1-year warranty extension – GX-IV (4-Module System)	1	2,898.00
WV16RG12	1-year warranty extension – GX-XVI (16-Module System)	1	7,800.00
WX02RG36	3-years warranty extension – GX-IV (2-Module System)	1	5,184.00
WX04RG36	3-years warranty extension – GX-IV (4-Module System)	1	7,902.00
WX16RG36	3-years warranty extension – GX-XVI (16-Module System)	1	20,898.00
WX02UP36	3-years warranty extension – GX-IV (2-Module System), ordered with System	1	4,500.00
WX04UP36	3-years warranty extension – GX-IV (4-Module System), ordered with System	1	6,840.00
WX16UP36	3-years warranty extension – GX-XVI (16-Module System), ordered 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 catalogue. Installation, training and maintenance services are also listed.

## FEATURED PRODUCTS



### HUMALOOP 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 EUR)
<b>EQUIPMENT</b>			
106632	HumaLoop T	1	2,450.00
106633	HumaTurb C+ HumaTurb A	1 C & 1 A	15,900.00
106636	HumaHeat	1	960.00
106443	UPS – 700 VA – 500 W	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	352.50
106635	Loopamp PURE DNA Extraction Kit	90 tests	298.20
<b>CONSUMABLES</b>			
106643	Pipette - 60 set for TB-LAMP	4 x 96 tests	44.10
<b>SERVICES &amp; MAINTENANCE</b>			
106637	Installation for TB-LAMP	1	1,295.00
106638	Training for TB-LAMP	1	250.00
106639	Maintenance for TB-LAMP	1	1,235.00
106640	Maintenance with warranty extension for TB-LAMP	1	1,675.00

# 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>			
106221	Safety gas burner	1	515.71
106222	Safety gas tubing	1	6.97
106220	Overhead stirrer with universal adapter	1	1,492.26
106122	Compact orbital shaker (for BSC)	1	509.79
<b>REAGENTS</b>			
106286	Cetylpyridinium chloride monohydrate	100 gr	111.12
106287	Sodium chloride	1 kg	21.70
106283	N-acetyl-L-cysteine (NALC)	100 gr	133.53
106284	Tri-Sodium citrate dihydrate	1 kg	72.60
106281	Sodium hydroxide	1	34.62
106288	5-Sulfosalicylic acid dihydrate	100 gr	36.67
106282	Tri-Sodium phosphate dodecahydrate	1 kg	34.22
106280	Ethanol, 96%	1 lt	17.50



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106231	Test tube rack stainless steel, 3x7 places, 35 mm	1	85.64
106240	Alarm clock	1	4.12
106242	Transport box for specimen transport	1	30.93
106243	Cool box for specimen transport	1	122.43
106244	Sturdy container	1	7.59
106245	Material for packing specimen	1	8.70
106237	Universal test tube rack 16mm	1	12.99
106238	Universal test tube rack 18mm	1	6.16
106239	Universal test tube rack 28mm	1	8.60
106355	Marker pen	1	1.51
106506	Marker pen for PCR tubes	1	1.48
106356	Adhesive labels	1	50.97
106509	Special pH indicator strips	1 x 100 strips	11.65

# 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 catalogue.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106247	Precision Incubator	1	5,976.24
106248	Perforated stainless steel shelf	1	188.41
106223	Electric micro incinerator for loops	1	690.69
<b>REAGENTS</b>			
106038	BBL LJ slants w. Glyc. & PACT	1 x 100 slants	125.00
106039	BD BBL™ Lowenstein-Jensen Medium, slants	1 x 100 slants	90.00
106273	BD BBL™ Middlebrook 7H9 Broth with Glycerol, 5 ml	1 x 10 pcs	25.50
106558	Bottle Middlebrook 7H9 Broth	500 gr	42.04
106559	BD BBL™ Middlebrook OADC Enrichment, 100 ml per bottle	6 x 100 ml	234.15
106614	Middlebrook 7H11 Agar Base	500 gr	93.33
106615	Middlebrook 7H10 Agar	500 gr	83.87
106620	Lowenstein-Jensen Medium – 10 slants – large-size slant	10 slants	15.70
106621	Seven H11 Agar (Deep Fill) Plates	10 pcs	13.60
106269	Sodium-L-Glutamate-monohydrate	1 kg	127.77

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106263	Potassium dihydrogen phosphate	1 kg	37.24
106264	Magnesium sulphate-heptahydrate	500 gr	35.78
106265	L-Asparagine-monohydrate	100 gr	25.31
106266	Tri-Magnesium di-citrate nonahydrate	100 gr	41.09
106267	Malachite green oxalate	100 gr	68.34
106268	Glycerol	1 kg	175.25
106259	Ready mixed TB / LJ Base	500 gr	59.69
106261	Glycerol $\geq$ 99%	1 lt	17.02
106262	Sodium pyruvate	25 gr	30.01
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 gr	28.31
106303	Skim milk powder	500 gr	41.17
106407	Brain Heart Infusion agar	500 gr	83.86

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106249	Hand lens	1	53.28
106232	Loop holder	1	8.05
106233	Rack for loop holder	1	23.84
106234	Inoculation loop 4 mm	1	0.82
106235	Inoculation loop 3 mm	1	38.95
106236	Disposable loops 10 µl	500 pcs	16.28
106096	Glass beads, massive glass, 3 mm diameter	1 kg	6.19
106097	Glass beads, massive glass, 5 mm diameter	1 kg	6.70
106098	Caped glass tubes for preparing suspension	100 pcs	46.21
106339	Universal glass bottle	1 x 28 ml	1.39
106581	Screw-cap for universal bottle	4000 pcs	1,120.00
106583	Universal bottle rack	1	28.78
106338	Culture tubes with screw cap	100 pcs	25.98
106432	Slanted rack	1	34.40
106496	Slanted rack for BD LJ tubes	1	34.40

## 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 catalogue.

### 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, other than blood, as well as antimicrobial susceptibility testing of anti-tuberculosis drugs known as S.I.R.E., I.R., and PZA. 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, other than blood, as well as antimicrobial susceptibility testing of anti-tuberculosis drugs known as S.I.R.E., I.R., and PZA. 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>			
106451	Densitometer	1 set	680.00
106475	Slide warmer	1	1,493.21
106085	Electricity net independent automatic pipetting aid	1	462.92
106013	BACTEC MGIT 960 System	1	38,950.00
106015	Starter kit for BACTEC	1	0.00
106274	BD BBL AST Starter Group	1	0.00
106596	BACTEC MGIT 320 System	1	19,500.00
106081	UPS – 3000 VA – 2100 W	1	1,318.88
106491	Battery Pack for UPS 3000 VA	1	907.76
106016	Printer for BACTEC	1	532.00
<b>REAGENTS</b>			
106273	BD BBL™ Middlebrook 7H9 Broth with Glycerol, 5 ml	1 x 10 pcs	25.50
106558	Bottle Middlebrook 7H9 Broth	500 gr	42.04
<b>CONSUMABLES</b>			
106272	BD BBL Calibrators Kit (for 1 drawer) (1 ea)	1 x 17 vials	155.75
106026	BBL MGIT tubes for use in Bactec MGIT 960 (7 ml)	1 x 100 tubes	195.00
106027	BACTEC MGIT 960 Supplement Kit (PANTA and OADC combined)	100 tests	70.80

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106028	BACTEC MGIT 960 SIRE kit	40 tests	72.70
106623	BBL MGIT OADC Enrichment	1	55.00
106582	BD BBL Middlebrook OADC Enrichment, 20 ml per tube, "A" size tube	1 x 10 pcs	65.80
106033	BACTEC MGIT PZA Kit	50 tests	90.60
106037	MycoPrep Specimen Digestion / Decontamination Kit – 150 ml	1 x 10 bottles	81.50
106017	BD's MGIT Fluorescence Manual Tube Reader	1	850.00
106021	AST Carrier Set (2-tube) – 3 carriers	3 pcs	36.00
106020	AST Carrier Set (3-tube) – 3 carriers	3 pcs	36.00
106019	AST Carrier Set (4-tube) – 3 carriers	3 pcs	36.00
106018	AST Carrier Set (5-tube) – 3 carriers	3 pcs	36.00
106022	AST Carrier Set (8-tube) – 3 carriers	3 pcs	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 pcs	640.00
106619	MicroMGIT Calibrator	1	150.95
106036	BACTEC MGIT PZA Tubes	25 pcs	53.55
106473	Filters, Air MGIT 960 (square)	1	52.20
106474	Filters, Air MGIT 960 (rectangular)	1	70.43
106452	BACTEC MGIT 960 AST transport rack	1	135.00

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106205	UV-light illuminator – Liquid culture – 365 nm	1	1,685.61
106468	Mc Farland Standards kits	1	228.91
106115	Hand-dispenser pipette, 5 dosage steps, suited for 10 ml Tips / Eppendorf	1	440.72
106180	Multipette® stream, includes charging adapter	1	781.13
106181	Dispenser-tips Universal 10 ml sterile	100 ml	197.34
106209	Serological pipette – 5 ml	1 x 200 pcs	57.55
106550	Serological pipette – 10 ml	1 x 200 pcs	57.56
106394	Single use plastic Pasteur-pipettes sterile individually packed	500 pcs	44.64
106351	Single use syringes, sterile	50 pcs	3.61
106352	Syringe filter for single use, sterile	50 pcs	120.87
106241	Measuring pipette, short to work inside BSC, sterile, 1 ml	1	4.02
106230	Test tube rack stainless steel, 3x12 places, 18 mm	1	25.98
106114	Petri-dishes glass for reuse	72 pcs	95.31
106113	Petri-dishes plastic	24 x 20 pcs	37.41



# SOLID AND LIQUID CULTURE 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>			
106307	Dimethyl sulfoxide	250 ml	15.46
106308	Isoniazid (INH) – for laboratory use	5 gr	26.55
106309	Rifampicin (RMP) – for laboratory use	1 gr	152.28
106310	Ethambutol – for laboratory use	25 gr	158.03
106311	Dihydro-streptomycin (DHSM) – for laboratory use	5 gr	65.61
106312	Nicotinic acid amide – for laboratory use	100 gr	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 – READY TO USE WITH BACTEC MGIT SYSTEMS</b>			
106585	Moxifloxacin – lyophilized drug for laboratory use	6 vials	90.00
106588	Ofloxacin – lyophilized drug for laboratory use	6 vials	90.00
106586	Amikacin – lyophilized drug for laboratory use	6 vials	90.00 (please contact GDF for availability)
106584	Kanamycin – lyophilized drug for laboratory use	6 vials	90.00 (please contact GDF for availability)
106587	Capreomycin – lyophilized drug for laboratory use	6 vials	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 gr	48.23
106314	Moxifloxacin (MOX) – for laboratory use	1 gr	368.69
106313	Ofloxacin (OFL) – for laboratory use	10 gr	315.39
106315	Protionamide (PTH) – for laboratory use	2 gr	128.27
106316	Ethionamide (ETH) – for laboratory use	5 gr	112.97
106318	Amikacin (AMI) – for laboratory use	5 gr	689.73
106317	Kanamycin (KAN) – for laboratory use	5 g	67.22 (please contact GDF for availability)
106319	Capreomycin (CM) – for laboratory use	1 gr	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 catalogue, 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	SD Bioline TB Ag MPT64 – Rapid test for detection of MPT 64 Antigen	25 tests	35.00
106611	Capilia TB-Neo – Rapid test for detection of MPT 64 Antigen	100 tests	100.00
106612	Capilia TB-Neo Extraction buffer	1 x 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 catalogue.

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

## 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>			
106074	Microfuge / minispin for 0.2–2 ml tubes for short-rapid spin down of reagents	1	134.43
106048	Microliter Centrifuge	1	2,026.94
106219	Minishaker / Vortex	1	256.82
106510	Water bath 7 lt	1	677.61
106131	Water bath 22 lt	1	925.52
106257	Universal oven 32 lt	1	1,031.29
106224	Refrigerated bench top centrifuge	1	5,794.32
106225	4-place swing out rotor	1	922.72
106226	Rotor buckets	4 pcs	558.73
106227	Aerosol tight lids for rotor buckets	4 pcs	167.21
106228	Reducing adapter for 50 ml tubes	4 pcs	314.03
106229	Reducing adapter for 15 ml / 12 ml tubes	4 pcs	314.03
106425	Thermoblock / Thermo heater	1	1,052.48
106046	Thermocycler, 96 positions for 0.2 ml tubes	1	7,646.92
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

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106443	UPS – 700 VA – 500 W	1	467.03
106492	Battery Pack for UPS 700 VA	1	393.03
106081	UPS – 3000 VA – 2100 W	1	1,318.88
106491	Battery Pack for UPS 3000 VA	1	907.76
106595	Voltage Stabilizer 2000 W	1	286.00

### REAGENTS

106512	GenoType MTBDR plus V2 Test kit contains: 1) GenoType MTBDRplus Version 2.0 (30496A) 2) GenoLyse including service and support pack (51610)	96 tests	720.00 EURO
106513	GenoType MTBDRsl 2.0 (without GenoLyse)	96 tests	720.00 EURO
106590	GenoType Mycobacterium CMV2 (without GenoLyse)	96 tests	720.00 EURO
106591	GenoType Mycobacterium AS (without GenoLyse)	96 tests	720.00 EURO
106622	GenoType MTBC	96 tests	720.00 EURO
106254	Molecular grade water	10 x 1.7 ml	195.44
106477	GenoLyse (96 tests), Version 1.0	96 tests	50.00 EURO
106439	GT-Blot 48 reagent set	1	0.00



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CONSUMABLES</b>			
106073	Special marker pens for Hain strips	6 pcs	0.00
106066	Genoscan reader (GS-001) + PC + Screen + software	1	12,180.00 EURO
106045	PCR-Workstation, UV light	1	2,208.36
106411	UV Crosslinker	1	1,907.62
106216	Floating rack	5 pcs	11.00
106455	Rack: Heat-resistant for Cryo vial 1.5ml – Modular Heating Blocks	1	88.55
106453	Thermometer for Oven	1	6.57
106213	UV-light illuminator – Ethidium bromide – 312 nm	1	1,844.47
106063	Flexible thermometer for thermocycler and Twincubator validation (e.g. GTH 1170 with GTF300)	1	116.29
106053	1-channel pipette, variable from 1 – 10 µl	1	245.03
106054	1-channel pipette, variable from 2,0 – 20 µl	1	226.94
106055	1-channel pipette, variable from 10 – 100 µl	1	226.94
106056	1-channel pipette, variable from 20 –200 ul	1	226.94
106057	1-channel pipette, variable from 200 – 1000 µl	1	226.94
106058	Racks for 1 channel pipette – 6 positions	1	36.49
106456	Racks for 1 channel pipette – 3 positions	1	27.63
106270	Racks for 1 channel pipette – 4 positions	1	30.83

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106554	Sterile, DNA-RNase-free tips, 0.1 – 10 µl	960 pcs	129.72
106555	Sterile, DNA-/RNase-free tips, 1.0 – 20 µl	960 pcs	129.72
106388	Sterile, DNA-/RNase-free tips, 10 – 100 µl	960 pcs	72.75
106389	Sterile, DNA-/RNase-free tips, 20 – 200 µl	960 pcs	53.59
106390	Sterile, DNA-/RNase-free tips, 100 – 1000 µl	960 pcs	58.97
106061	Hand-dispenser pipette, 5 dosage steps, for combitips – LPA	1	211.48
106396	Tips for Multipette/Combi 5 ml, individually packed	100 pcs	64.34
106398	Tips for Multipette/Combi 12.5 ml, individually packed	100 pcs	72.83
106412	Long 1 ml tips with filter	800 pcs	97.03
106068	Stand (96) for 0.2 ml pcr tubes / PCR Rack	Set of 10	24.58
106344	Cryo-vial, sterile with cap, 2 ml	1000 pcs	332.15
106052	Desktop Deep freeze storage box with lid for 1.5 ml cryovials – Cardboard cryobox	1	2.46
106495	Desktop Deep freeze storage box with lid for 1.5 ml cryovials – Plastic	1	4.19
106446	Reagent Quick Chiller	1	109.44
106217	Racks with lid (plastic preferred), suitable for cryovial	1	5.50
106383	Cryo-vial, sterile with cap, for one hand operation	1000 pcs	255.14
106410	Racks for cryovials, for one hand operation	1	12.88
106357	Cryo-tags	1000 pcs	26.31

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106385	PCR tubes	1000 pcs	46.16
106051	Desktop deep freeze storage box with lid for 0.2 ml PCR tubes	1	3.10
106421	Standard reaction tubes 1.5 ml	500 pcs	108.12
106422	Standard reaction tubes 2 ml	500 pcs	109.44
106246	Racks, disinfectable / autoclavable for 1.5/2 ml tubes	1	3.61
106384	PP-tubes for centrifuge, sterile, 15 ml	500 pcs	85.34
106340	PP-tubes for centrifuge sterile 50 ml	500 pcs	74.10
106413	Rack for 50 ml PP-tubes	1	13.54
106454	Rack 15 ml / 50 ml – 4-Way microtube rack	1	8.55
106434	Disposable Pasteur pipettes, graduated, non sterile, 155 mm, 3 ml	500 pcs	9.34
106556	Forceps, individually wrap, sterile	50 pcs	7.56
106415	Filter paper – sheets	100 pcs	118.40
106401	Parafilm sealing film	1	26.14

# ELECTROPHORESIS SUPPLIES

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

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	1	647.93
<b>REAGENTS</b>			
106321	Agarose	100 gr	246.67
106322	Boric acid	1 kg	52.36
106323	Sodium acetate trihydrate	1 kg	40.40
106324	Ethidium bromide powder	1 gr	57.32
106325	TRIS	1 kg	216.41
106326	EDTA	250 gr	23.22
106327	Gel load buffer	1	38.48
106334	DNA ladder	1	98.17
106336	Ethidium bromide solution	5 ml	20.62

# MEDIA KITCHEN SUPPLIES

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

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>EQUIPMENT</b>			
106099	Universal Hot-air oven – Memmert UFE 600	1	3,493.31
106100	Perforated stainless steel shelf for Universal Hot-air oven	1	113.48
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	1,117.93
106105	1/4 insert, for test tubes 160x16	1	193.39
106136	Automatic filling station	1	3,042.48
106138	Inspissator for coagulation of egg-based culture media	1	4,931.00
106127	Fully automatic water distil	1	1,952.43
106137	Stative / Stand	1	51.76
106140	Laboratory floor-standing refrigerator 140 lt	1	1,295.86
106424	Laboratory freezer 140 lt	1	1,060.70
106142	Deep freezer 70L / –50 °C to –85 °C	1	11,778.32
106130	Benchtop pH meter	1	455.93

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106132	Magnetic stirrer with heating plate	1	806.49
106557	Magnetic bars set of 12	1 x 12 pcs	39.30
106426	Blender 2x Speed	1	355.21
106427	Glass receptable for blender 1 lt	1	95.90
106128	Electronic analytical balance for DST	1	2,256.67
106129	Electronic precision balance	1	296.01
106592	Deep Freezer 550 lt / -40 °C to -86 °C	1	11,291.28
106593	Stainless steel rack for Deep Freezer	1	190.48
106594	Cryo Gloves	1	159.39
106595	Voltage Stabilizer 2000 W	1	286.00
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
<b>PLASTICWARE</b>			
106143	Balloon HDPE 30 lt	1	88.72
106144	Balloon HDPE 10 lt	1	51.32
106145	Stop cock PP	1	15.83
106157	Swan neck bottles – Set	1	3.55

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106182	Screw caps with weld in PTFE membrane	1	5.39
106158	Bowl	1	12.20
106201	Laboratory glassware drying rack	1	77.81
106202	Funnel, soda lime glass, plain, short stem, diameter = 75 mm	1	0.67
106203	Funnel, soda lime glass, plain, short stem, diameter = 125 mm	1	7.40
106204	Powder funnel, diameter 100 mm	1	1.80
<b>GLASSWARE</b>			
106134	Sterile filling station of culture media 1000 ml	1	82.29
106135	Sterile filling station of culture media 250 ml	1	56.70
106146	Measuring pipettes 1 ml – Glass	10 pcs	29.10
106147	Measuring pipettes 2 ml – Glass	10 pcs	29.10
106148	Measuring pipettes 5 ml – Glass	10 pcs	34.04
106149	Measuring pipettes 10 ml – Glass	10 pcs	34.86
106152	Woulff's flask	1	54.30
106159	Erlenmeyer flasks – 2000 ml	10 pcs	78.60
106160	Erlenmeyer flasks – 1000 ml	10 pcs	43.08
106161	Erlenmeyer flasks – 500 ml	10 pcs	27.29
106162	Erlenmeyer flasks – 250 ml	10 pcs	19.24
106163	Erlenmeyer flasks – 100 ml	10 pcs	16.28

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106164	Erlenmeyer flasks – 50 ml	10 pcs	17.92
106165	Measuring cylinder – 1000 ml – 0.5 ml graduated	1	39.35
106166	Measuring cylinder – 500 ml – 2.5 ml graduated	1	24.93
106167	Measuring cylinder – 250 ml – 1 ml graduated	1	15.01
106168	Measuring cylinder – 100 ml – 0.5 ml graduated	1	8.43
106169	Measuring cylinder – 50 ml – 0.5 ml graduated	1	7.48
106170	Measuring cylinder – 25 ml – 0.25 ml graduated	1	6.77
106171	Measuring cylinder – 1000 ml – 10 ml graduated	1	19.73
106172	Measuring cylinder – 500 ml – 5ml graduated	1	11.75
106173	Measuring cylinder – 250 ml – 2 ml graduated	1	8.63
106174	Measuring cylinder – 100 ml – 1 ml graduated	1	5.34
106175	Measuring cylinder – 50 ml – 1 ml graduated	1	4.68
106176	Thick-walled glass flask – 2500 ml	1	57.90
106177	Thick-walled glass flask – 2000 ml	1	8.90
106178	Thick-walled glass flask – 1000 ml	1	2.74
106179	Thick-walled glass flask – 500 ml	1	2.46
106183	Laboratory beaker, low form with graduation and spout, 2000 ml	1	6.34
106184	Laboratory beaker, low form with graduation and spout, 1000 ml	1	3.79



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106185	Laboratory beaker, low form with graduation and spout, 600 m	1	2.61
106186	Laboratory beaker, low form with graduation and spout, 250 m	1	1.77
106187	Laboratory beaker, low form with graduation and spout, 100 m	1	1.54
106188	Laboratory beakers; 100 ml (ETFE)	1	12.66
106189	Laboratory beakers; 250 ml (ETFE)	1	21.75
106190	Laboratory beakers; 500 ml (ETFE)	1	35.66
106191	Laboratory beakers; 1000 ml (ETFE)	1	59.41
106192	Laboratory beakers; 2000 ml (PP)	1	5.82
106193	Volumetric flasks 1000 ml	1	29.46
106194	Volumetric flasks 500 ml	1	18.64
106195	Volumetric flasks 250 ml	1	17.20
106196	Volumetric flasks 200 ml	1	14.68
106197	Volumetric flasks 100 ml	1	10.21
106198	Volumetric flasks 50 ml	1	7.48
106199	Volumetric flasks 25 ml	1	6.66
106200	Volumetric flasks 20 ml	1	6.66
<b>CONSUMABLES</b>			
106108	Aqua purificator cabinet for two de-mineralising cartridges	1	617.50
106109	Pipette box with lid for 20 – 25 cm long pipettes	1	65.61

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106110	Pipette box with lid for 35 cm long pipettes	1	96.58
106111	Inlay for pipette box	1	7.00
106112	Pipette washer	1	179.00
106360	Aluminium foil	1	84.00
106363	Tube brush	5 pcs	12.74
106364	Erlenmeyer, bottle brush	1	5.54
106379	Salt for dish washer	12 kg	13.30
106380	Rinse aid for dish washer	1 lt	12.52
106150	Desiccator	1	210.69
106151	Membrane vacuum pump for desiccator	1	303.29
106153	Vacuum tube, 3 m	1	20.12
106154	Silica gel for desiccator, granulate ca. 1 – 3 mm	1 kg	55.25
106155	Bunsen burner	1	35.27
106156	Tripod	1	10.45
106206	Strainer, stainless steel, 1 grip, 2 eyes, diameter 20 cm	1	14.20
106207	Set of spatula	1	18.43
106208	Forceps; pointed; straight; 18/8 stainless steel, polished	1	1.39
106353	Filter paper round 185 mm	1 x 100 pcs	35.35
106354	Filter paper round 150 mm	1 x 100 pcs	24.66

# AUTOCLAVE SUPPLIES

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

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>FOR MEDIA KITCHEN</b>			
106116	Autoclave basic unit for Media Kitchen	1	15,459.12
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	Autoclave basic unit for Media Kitchen	1	21,323.38
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)
<b>FOR WASTE MANAGEMENT</b>			
106117	Autoclave basic unit for Waste Management	1	20,121.28
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	Autoclave basic unit for Waste Management	1	17,168.58
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

# 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	1 lt	33.82
106624	Stable chlorine disinfectant	100 pcs	30.25
106331	Phenol	1 kg	69.66
106333	Isopropanol	5 lt	15.01
<b>CONSUMABLES</b>			
106250	Stainless steel bucket including lid	1 x 10 lt	55.71
106251	Discard bin 2 lt	1 x 2 lt	42.42
106252	Funnel, stainless steel 18/8	1	13.32
106253	Safety box for liquid	30 pcs	59.33
106255	Waste containers for solids	6 pcs	54.31
106256	Waste container for liquids	1	55.46
106348	Transparent polypropylene bags	1000 pcs	175.96
106358	Sterile indicator tape, hot air oven	1	13.32
106359	Sterile indicator tape, autoclave	1	2.13
106409	Waste containers for sharps	10 pcs	16.11

## BIOSAFETY CABINET (BSC) SUPPLIES

GDF offers a class II 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.

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
<b>CLASS II – 2 FILTERS</b>			
106076	Biosafety Cabinet – 2 filters, 5 feet	1	16,417.04
106077	Base Support for BSC – 5 feet	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
106123	Pre HEPA filter for down flow and in take air	1	170.53
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	Biosafety Cabinet – 3 filters, 5 feet	1	18,951.55
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

# BIOSAFETY SUPPLIES

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

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

106079	Thermic anemometer with telescope probe	1	1,993.15
106082	Swivel stool/laboratory chair	1	195.03
106083	Mobile container	1	583.79
106608	Trolley	1	144.79

## CONSUMABLES

106089	Plastic-foil welder 30 cm	1	205.72
106362	Plastic-foil	1	68.90
106090	Dispenser for disinfectant/soap	1	55.09
106091	Paper towel box	1	21.29
106092	Goggles	1	11.34
106094	First Aid Kit for scientific laboratories	1	126.61
106095	Stainless steel discard funnel	1	16.87
106088	Electronic maxima-minima-thermometer	1	12.25
106442	Deep-freeze thermometer	1	5.18
106494	Calibrated thermometer	1	328.07



PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106084	Safety-Pipetting Ball	1	2.94
106086	Set of mechanical pipetting aids	1	34.40
106087	Transport box for cultures with BioPack insert	1	22.23
106294	Disinfectant for cleaning instrument	2 lt	47.44
106304	Hand pump for Disinfectant for cleaning instrument	1	7.02
106370	Disinfectant for floors	1	13.79
106371	Disinfectant for BSCs surface	5 lt	38.11
106372	Spray head and 1 lt bottles	1 set	5.32
106373	Liquid soap	1 lt	3.14
106374	Disinfectant for hands	1 lt	9.09
106375	Single-use paper towels	5000 pcs	15.21
106378	Detergent/washing Powder	10 kg	160.96
106345	Latex gloves size S	1000 pcs	50.32
106346	Latex gloves size M	1000 pcs	50.32
106347	Latex gloves size L	1000 pcs	50.32
106551	Laboratory coat size L – Disposable – Sterile	50 pcs	46.94
106552	Laboratory coat size M – Disposable – Sterile	50 pcs	46.94
106553	Laboratory coat size S – Disposable – Sterile	50 pcs	46.94
106503	Laboratory coat cotton – size S	1	19.07
106504	Laboratory coat cotton – size M	1	19.07

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106505	Laboratory coat cotton – size L	1	19.07
106369	Masks FFP2 (N95) – 3M 9320	10 pcs	20.06
106376	Cotton wool	1	5.49
106377	Tissue pulp	1	29.60
106402	Plastic bottle	1	0.72
106497	Nitril gloves, size 6–7 – Disposable	100 pcs	15.92
106498	Nitril gloves, size 7–8 – Disposable	100 pcs	15.92
106499	Nitril gloves, size 8–9 – Disposable	100 pcs	15.92
106403	Nitril gloves, size 6–7 – Non-disposable	12 pcs	24.27
106404	Nitril gloves, size 7–8 – Non-disposable	12 pcs	24.27
106405	Nitril gloves, size 8–9 – Non-disposable	12 pcs	24.27
106435	Surgical gowns sterile – Size S	20 pcs	57.84
106436	Surgical gowns sterile – Size M	20 pcs	59.46
106437	Surgical gowns sterile – Size L	20 pcs	60.75
106500	Surgical gown – Cotton – S	1	17.84
106501	Surgical gown – Cotton – M	1	17.84
106502	Surgical gown – Cotton – L	1	17.84
106440	Shoe covers	1000 pcs	22.85
106441	Hair covers	2000 pcs	22.20
106349	Tri-pod stand for waste bags of ca. 2 lt	1	10.87

PRODUCT CODE	DESCRIPTION	NUMBER OF UNITS PER PACK	PRICE (IN USD)
106399	Plastic bags made from PP	100 pcs	7.89
106444	Plastic bags – 30 lt	200 pcs	79.10
106445	Stand for 30 lt plastic bags	1	47.77
106507	Smock stick starter kit	1	90.74
106508	Refill: Smock stick pack – 10 pcs	1	50.61





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