

Manufacturing Product List 2026

Hy Laboratories Ltd (hylabs), is Israel's leading developer, manufacturer and distributor of tools for detection and identification of microorganisms and molecular biology products

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WHAT

hylabs is the leading diagnostic company in Israel in the field of microbiology specially in infection diseases. For five decades, it has specialized in the development, production and marketing of services and products for the detection and identification of microorganisms. Today the company leads the field through advanced molecular methods such as RT PCR and NGS (Next Generation Sequencing) in the clinical, industrial, research and innovation markets, alongside the continued production of classical tools for conventional culturing methods.



HOW



The products and services offered to the company's customers together with the extensive knowledge and proficiency of our staff are designed to help our customers meet the highest requirements of international and local standards. Our R&D TEAM works closely with leading experts in the field of microbiology and molecular biology, develops and practices the world's most advanced technologies accessible to the market. An internal quality assurance unit oversees all testing performed in laboratories to ensure the accuracy and reliability of the results. The company operates professional customer service and support teams that provide technical assistance both remotely and at the customer's site.

Manufacturing

The department offer a wide product's list, including the development and production of specific products according to customer's requirements in the fields of microbiology and molecular biology, while selecting the methods for their testing and approving. Among the products we specialize in: molecular and biochemical kits, conventional and chromogenic culture media for growing, isolating and identifying bacteria, reagents and products adapted to the requirements of the biotechnology market and more. The production lines meet ISO9001 and ISO13485 standards and include clean rooms, hoods, autoclaves and automatic pouring systems. The department is working on the development of products for the detection and identification of viruses, fungi and bacteria, including multidrug resistant microorganisms as well as a kit for the determination of their resistance mechanisms. We are currently developing means for detecting the COVID-19 corona virus, including the manufacture of a RNA/DNA extraction solution at the request of the Israeli Ministry of Health.



90mm Petri Dishes (PD)

Prepared media in Petri Dishes for the isolation of microorganisms from samples or specimens ready for immediate use. The standard package is 10 dishes per special plastic sleeve. The Petri dishes are of a standard 90 x 15mm size and each dish is provided with printed identification including product name, catalogue number, lot number and expiry date.

Cat.No.	Type of Media	Use
PD197	ALOA (Agar Listeria)	Isolation and differentiation of <i>Listeria</i> spp. according to specific enzymatic chromogenic reactions
PD011	Brucella Agar+5% Defibrinated Sheep Blood	Isolation of <i>Brucella</i> spp. and anaerobic microorganisms
PD565	Burkholderia Cepacia Selective Agar	For isolation of <i>Burkholderia Cepacia</i> complex (BCC)
PD161	CDC Blood Agar	Selective agar for detection of <i>Streptococcus pneumoniae</i>
PD162	C. Blood + Gentamycin	Isolation of most fastidious anaerobic microorganisms
PD170	CDC Blood Agar + Amikacin	Selective isolation of most fastidious anaerobic microorganisms
PD210	Cetrimide Agar	Selective isolation of the gram-negative bacterium
PD013	chocolate Blood Agar + Supplements	Isolation of <i>Neisseriae</i> and <i>Haemophilus</i> spp.
PD125	CHROMagar Candida	Isolation and differentiation of <i>Candida</i> spp. by specific enzymatic chromogenic reactions
PD418	CHROMagar ESBL	For detection of Gram-negative bacteria producing Extended Spectrum Beta-Lactamase.

90mm Petri Dishes (PD)

Cat.No.	Type of Media	Use
PD579	CHROMagar Candida Plus	For the detection and differentiation of major clinical Candida species, including <i>C. auris</i>
PD420	CHROMAGAR KPC	Chromogenic media For detection of carbapenem-resistant Enterobacteria
PD309	CHROMagar MRSA	Detection and identification of Methicillin- Resistant <i>S. aureus</i> by specific enzymatic chromogenic reactions
PD517	CHROMagar m SuperCARBA	For Detection and differentiation of Carbapenemase-producing Enterobacteriaceae (CPE)
PD165	CHROMagar Orientation	Isolation and identification of all urinary tract pathogens using specific enzymatic chromogenic reactions
PD409	CHROMagar Salmonella Plus	For detection and isolation of Salmonella species including lactose positive Salmonella
PD235	CHROMagar Staph Aureus	For isolation and direct differentiation of Staphylococcus aureus
PD434	CHROMagar Strep B	For the direct isolation and identification of Group B Streptococci (<i>S. agalactiae</i>) by specific chromogenic reactions
PD416	CHROMagar VRE	For detection of Van A / Van B VRE (transmissible resistance = VRE faecalis & VRE faecium).
PD093	CNA Columbia Agar + 5%Def. Sheep Blood	FSelective agar for detection and differentiation of Gram positive microorganisms by haemolytic reactions
PD239	G-C Agar	Susceptibility testing of <i>Neisseria gonorrhoea</i> according to CLSI specifications
PD214	Group A Streptococci Agar (GASA)	Selective isolation and differentiation of Group A Streptococci
PD102	Haemophilus Antibioграмма Agar (HAA)	Antibiotic sensitivity testing for Haemophilus strains according to CLSI specifications

90mm Petri Dishes (PD)

Cat.No.	Type of Media	Use
PD063	Hy-Campylobacter Medium	Selective, for the detection of Campylobacter jejuni, C. coli and C. laridis
PD219	Hy-Campylobacter Medium BF	Blood free,selective, for the detection of Campylobacter jejuni, C. coli and C. laridis
PD074	Hy-Legionella Medium (BCYEa-CCV) + GVPC	Selective isolation of Legionella pneumophila
PD179	LB Agar	Maintaining and culture of recombinant strains of E. coli
PD178	LB + Ampicillin (100mg/l)	Maintaining and culture of recombinant strains of E. coli
PD077	LB + Kanamycin (50mg/l)	Maintaining and culture of recombinant strains of E. coli
PD032	MacConkey Agar	Differentiation of Enterobacteriaceae
PD033	Mannitol Salt Agar	Isolation and differentiation of Staphylococci
PD472	MDR Acinetobacter Agar	For detection and differentiation of Acinetobacterbaumannii
PD379	Middlebrook 7H 11 + OADC	For isolation of Mycobactria
PD517/M	Modified CHROMagar Msupercarba	For Detection and differentiation of Carbapenemase- producing Enterobacteriaceae (CPE) Improved formula
PD035	Mueller Hinton Agar (MH)	Antibiotic susceptibility testing according to CLSI specifications
PD037	Mueller Hinton Agar +Def. sheep blood	Susceptibility testing of fastidious microorganisms according to CLSI specifications
PD040	Nutrient Agar	General use
PD054	NYC Medium	Selective isolation of Neisseriae spp
PD042	Phenylethyl Alcohol Agar+5% Def.Sheep Blood	Selective isolation of Gram positive bacteria from mixed flora

90mm Petri Dishes (PD)

Cat. No.	Type of Media	Use
PD295	R2A Agar	Enumeration of heterotrophic organisms in water according to Standard Methods
PD269	RPMI + Mops + Glucose Agar	Antifungal susceptibility testing for Candida spp. according to CLSI specifications
PD044	Sabouraud Dextrose Agar (SDA)	Isolation of saprophytic and pathogenic fungi
PD249	SDA + Chl. + Genm.	Selective cultivation and isolation of yeasts and molds
PD080	SDA + Chloramphenicol	Selective isolation of saprophytic and pathogenic fungi
PD148	SDA Irradiated	Isolation of saprophytic and pathogenic fungi
PD046	SS Agar	Isolation of Salmonella-Shigella
PD133	Streptococci Select Medium	Selective isolation of Streptococci spp. and haemolytic
PD087	Tryptic Soy Agar (TSA)	General use
PD139	TSA irradiated	General use to use in controlled areas
PD399/303T	TSA+Lecithin+Polysorbate 80 (Irradiated)	Total count -used for determining the efficiency of sanitization of containers, equipment surfaces, water miscible cosmetics, etc.
PD049	TSBA +5% Def. Sheep Blood	General use and haemolytic activity
PD072	TSBA +5% Def. Sheep Blood + Amikin	Selective isolation of anaerobes
PD206	VRBG	For detection and enumeration of total Enterobacteriaceae
PD104	XLD Agar	Isolation and differentiation of enteropathogens, especially Salmonella-Shigella



Divided Petri Dishes 90mm (DD)

90 x 15mm Petri dishes divided in half down the middle. They may contain the same media on both halves or 2 different media. The standard package is 10 dishes per special plastic sleeve and each dish is provided with printed identification including product name, catalogue number, lot number and expiry date.

Cat. No.	Type of Media	Use
DD001	Blood Agar / Blood Agar	General use and haemolytic activity
DD004	Blood Agar / Chocolate Blood Agar + Supplements	Haemolytic activity and isolation of Neisseriae & Haemophilus spp.
DD032	Blood Agar / CHROMagar Orientation	General use and haemolytic activity. Detection and chromogenic identification of urinary tract pathogens
DD003	Blood Agar (TSA) / MacConkey Agar	General use and haemolytic activity and differentiation of Enterobacteriaceae
DD011	Chocolate Blood Agar + Supplements / Chocolate Blood Agar + Supplements	Isolation of Neisseriae & Haemophilus spp.
DD093	CHROMagar Candida/ CHROMagar Candida Plus	For the detection and differentiation of major clinical Candida species ,including C. auris
DD088	CHROMagar Campylobacter /Campylobacter B.F	CHROMagar Campylobacter for the direct detection, identification and enumeration of thermotolerant Campylobacter /Campylobacter B.F-inhibits growth of Pseudomonas, Proteus, Streptococcus, Staphylococci and Candida species
DD066	CHROMagar Staph Aureus/ CHROMagar MRSA	Detection and differentiation of S. aureus by enzymatic chromogenic reactions/ Detection and differentiation of MRSA by enzymatic chromogenic reactions.
DD071	CHROMagar Salmonella Plus / XLD Agar	Chromogenic detection of all Salmonella (including Lactose Positive) / Isolation and differentiation of enteropathogens, especially Salmonella-Shigella)

Divided Petri Dishes 90mm (DD)

Cat. No.	Type of Media	Use
DD048	CNA Columbia + Blood / MacConkey Agar	Isolation and identification of urinary tract pathogens by haemolytic and biochemical reactions
DD027	DTM / SDA + Chloramphenicol +Actidione	Isolation and differentiation of pathogenic fungi / Isolation of pathogenic fungi
DD057	MacConkey Agar / CHROMagar Orientation	Selective differentiation of Enterobacteriaceae and Gram positive urinary tract pathogens by biochemical and enzymatic reactions
DD092	Strep. Selective /Strep Selective + Bacitracin	Used primarily for the isolation and identification of Group A Streptococci (Streptococcus pyogenes)



Petri Dishes 50mm (LD)

prepared Media in 50mm Petri dishes

Cat. No	Type of Media	Use
LD506	M-Endo Agar Les	Recommended for tests of coliforms in water, dairy products and foods by the membrane filtration method
LD525	M-Enterococcus Agar	Selective medium for enumeration of Enterococci spp. in water and food
LD507	M-FC Agar	Identification of faecal coliforms by the membrane filtration method
LD531	M-HPC	For enumeration of heterotrophic microorganisms in water
LD505	Modified M-PA Agar	Selective recovery and enumeration of <i>Pseudomonas aeruginosa</i> from water
LD529	R2A Agar	For enumeration of heterotrophic microorganisms in water For isolation of fungi
LD502	SDA + Chloramphenicol	Selective isolation of opportunistic and pathogenic fungi
LD547	SP-4 Agar	For Isolation and Cultivation of Mycoplasmas and Growth of Fastidious Organisms.



Contact Plates (CD)

Available in a variety of media for the pharmaceutical, cosmetic and food industries.

Cat. No.	Type of Media	Use
CD013	SDA + Lecithin + Polysorbate 80 (irradiated)	Double wrapped for the detection and enumeration of yeasts & molds containing neutralizers to inactivate disinfectant residuals
CD011/L	TSA + Lecithin + Polysorbate 80 (irradiated)	Double wrapped, for the enumeration of microorganisms in surfaces of sanitary importance, containing neutralizers to inactivate disinfectant residuals



Tubed Media (TT)

Liquid media for different purposes and solid media prepared in slant or butt form, according to the procedure most commonly used. The media is provided in screw-capped tubes or in a tube with a special stopper in different lengths and diameters. The standard packaging is 20 tubes/ carton.

Cat.No	Type of Media	Use
TT259	Azide Dextrose Broth ADB (DX1)	Cultivation of streptococci in water and wastewater
TT258	Azide Dextrose Broth ADB (DX2)	Cultivation of streptococci in water and wastewater
TT234	Brain Heart Infusion Agar + Chloram. slanted	Selective isolation of fungi
TT244	Brain Heart Infusion Broth	General use
TT244/30	Brain Heart Infusion Broth, 30ml	For CRAB
TT170	Brain Heart Infusion Broth + 15% Glycerol	General use & frozen stock
TT151	Brain Heart Infusion Broth + Serum	General use
TT257	Brilliant Green Bile 2% (B. G. Bile 2%)	Confirming of coliforms in water
TT286	Dermatophyte Agar	For the detection and presumptive identification of dermatophytes from clinical and veterinary Specimens

Tubed Media (TT)

Cat. No.	Type of Media	Use
TT256	E. C. Medium	Differentiating and enumerating of coliforms in water and waste water
TT137	Fluid Thioglycollate Medium (13 x 140 mm)	General use, cultivation of anaerobes (USP, EP, JP)
TT146	Hy Enterotest	Differentiation of Enterobacteriaceae by enzymatic and biochemical reactions
TT279/F	Hy Transport + Beads	For transport and long storage of fastidious microorganisms on glass beads at frozen temperature
TT039	Kligler Iron Agar (Lac, Glu, Gas, H ₂ S)	Differentiation of Enterobacteriaceae
TT255	Lauryl Tryptose Broth (LTB LX1)	Detection of coliforms in water and waste water.
TT326	Lim Broth (Todd Hewitt Broth + NAL + Colistin)	Selective enrichment for Streptococci
TT390	Lim Quick STREP B	For rapid detection of Streptococcus agalactiae from swabs.
TT354	Listeria Fraser Broth, 10ml	Enrichment medium for the isolation of Listeria spp.
TT402	Lowenstein - Jensen (LJ w. glyc. pact)	For the cultivation and isolation of Mycobacterium spp
TT152	Lysine Iron Agar (LDC, LDA, H ₂ S, Indole)	Differentiation of Enterobacteriaceae
TT143	Mio Medium	Differentiation of Enterobacteriaceae
TT192	PDA+Chloram.+ Actidione (150 x 16 mm)	Isolation of pathogenic fungi
TT260	R-2 AGAR	Used for enumeration of heterotrophic organisms in water according to Standard Methods

Tubed Media (TT)

Cat. No.	Type of Media	Use
TT251	Rappaport Vassiliadis Soy (RVS) Broth	Enumeration of heterotrophic microorganisms in water Selective enrichment of Salmonella.
TT197	Sabouraud Dextrose Agar +CHL	Selective isolation of fungi
TT221	Sabouraud Dextrose Broth	For cultivation of yeasts and molds
TT243	Saline Isotonic Solution	General use
TT130	Selenite Broth (100*13)	For selective enrichment of Salmonella spp
TT134	Simmons Citrate Agar	Citrate as sole carbon source
TT148	Stock Agar (slanted)	General use
TT326	Todd Hewitt Broth (Colisti and NAL-LIM Broth)	Improved Todd Hewitt Broth, selective for Gram positive bacteriae (Group B streptococci).
TT139	Tryptic Soy Broth (13X100 mm)**	Multipurpose medium that supports the growth of a wide variety of microorganisms (USP, EP, JP)
TT147	UMI (Urea, Motility, Indole) Medium	Differentiation of Enterobacteriaceae



General Bottled Products (BP)

Liquid and solid bottled media for enrichment, culture of microorganisms and sterility tests. Fresh animal blood, growth factor supplements and sterile diluents solutions for living cells are also available.

Cat. No.	Type of Media	Use
BP555	Buffer NaCl Peptone pH 7.0 + 4% Tween and 0.5% Lecithin	Neutralizing Buffer
BP433	Buffer NaCl Peptone pH=7.0 (BPS)	General use
BP227	Buffered Peptone Water	Used for pre-enrichment of Salmonella spp.
BP717	Ethidium Bromide (0.0625%), 5ml	Fluorescent tag in Molecular Biology laboratories
BP313	Fluid D (USP)	Rinse solution with neutralizers for microbiological tests (USP, EP, JP)
BP316	Fluid A (USP)	Rinse solution for microbiological tests (USP, EP, JP)
BP267	Fluid Thioglycollate Medium (FTM)*	Sterility testing of pharmaceutical products, biologics and devices and growth of aerobic, anaerobic and microaerophilic microorganisms (USP, EP, JP)
BP302	LB Broth	For maintaining and propagating of E.coli in molecular microbiology procedures
BP337	Macconkey Broth (MCB)	Enrichment of Coliforms and Enterobacteriaceae
BP573	MSRV	Detection of Salmonella

General Bottled Products (BP)

Cat.No.	Type of Media	Use
BP655	PBS X1	General use
BP507	PBS X10	General use
BP306	Potato Dextrose Agar	Yeast and molds
BP029	Sabouraud Dextrose Agar (SDA)**	Isolation of saprophytic and pathogenic fungi
BP290	Sabourand Dextrose Broth	For the cultivation of yeasts and molds
BP439	SALINE SOL. + 0.1% POLYSORBATE 80	Neutralizing solution
BP461	SP-4 BROTH	For Mycoplasma spp includes Mycoplasma pneumonia
BP032	Standard Methods Agar (SMA)	Total count of microorganisms in food as recommended by APHA
BP034	Tryptic Soy Agar	Total Count of microorganisms in Pharmaceutical, Cosmetic and Health Care industries
BP266	TRYPTIC SOY BROTH (USP)	For cultivation of aerobic bacteria and fungi. (USP/EP/JP Compliance)
BP374	TSA + 1%Polys.80 + 0.5% Lecithin	Total count of microorganisms containing neutralizers to inactivate residual disinfectants for Pharmaceutical, Cosmetic and Health Care industries
BP731	Ultra Pure Water (Nuclease Free)	0.2µm filtered.



Sampling bottles

■ For sterile water sampling. Containing sodium thiosulfate in order to neutralize the chlorine

Transparent, no scale marks, round shape-Prigat, Irradiated

Cat. No.	Type of Media
BP415/500T	500ml PET bottle with 10% Thiosulphate
BP415/5GE	500 ml PET empty bottle
BP318/125T	125ml PET bottle with 10% Thiosulphate

Transparent, with scale marks, Square shape, Irradiated

Cat. No.	Type of Media
BP415/50ME	Sampling bottle 500ml, Empty, Irr.
BP415/250M	Sampling bottle 250ml, 25mg thio. Irr



Systems for the Transport

Growing and Storage of Microorganisms

A wide range of tubes, cryotubes and systems for the transport and storage of the most fastidious microorganisms.

Cat. No.	Type of Product	Use
TT279/F	Hy-Transport	Hy transport with beads. The system allows transport and long storage of most fastidious microorganisms on glass beads at frozen temperatures

Products for Diagnosis and Identification

Cat. No.	Type of Product	Use
IS002	Test	Oxidase reaction



Molecular biology

PCR & Real Time PCR (ready mixes, enzymes, kits and more)

Cat.No.	Type of Product	Use
EZ3006	Hy-Taq Ready mix (x2)–1ml	Premixed, ready-to-use solution for PCR reactions. High yields, up to <5kb amplicon length
EZ3007	Hy-Taq Ready mix (x2)–5ml	
EZ300636	Hy-Taq Ready mix (x2)–36ml	
EZ2021	Hy-Fy Mix (x2)–1ml/5ml	Premixed, ready-to-use solution containing High Fidelity DNA Polymerase, for PCR reaction, up to <5kb amplicon length.
EZ2031	Hy-Tiger Mix (x2)–1ml/5ml	Premixed, ready-to-use solution containing Tiger Mix DNA Polymerase for PCR reaction. High fidelity and High yield, up to <20kb amplicon length.
EZ2061	Hy-Long Mix (x2)–1ml/5ml	Premixed, ready-to-use solution containing Long Taq DNA Polymerase for PCR reaction. High fidelity and Long PCR. up to <40kb amplicon length
EZ2041	Hy-Start Hotstart Mix (x2) 1ml	Premixed, ready-to-use solution containing Hotstart Taq DNA Polymerase for PCR reaction. High specificity and sensitivity. up to <5kb amplicon length
EZ2042	Hy-Start Hotstart Mix (x2) 5ml	
EZ2036	Hy-Start Hotstart Mix (x2) 36ml	
ES2102R	SYBR Power Mix (x2) – 5ml/15ml/25ml	A mix for high-performance, high-throughput, high-specificity real-time PCR. Specifically designed for qPCR using SYBR® Green I dye chemistry.
EZ1012	Hy-Taq (5U/uL) + 10xBuffer, dNTPs, Loading dye – 500U	For DNA target amplification up to 5 kb (simple template) in PCR reaction
ER1011	Hy-RT – cDNA synthesis kit – Including: RNasin, Oligo	Kit for RT-PCR that delivers increased cDNA yields, high sensitivity, and full-length transcripts in a convenient format.
ER1012	(dT), Random Hexamer, dNTPs – 20/100rxn	

Molecular biology PCR & Real Time PCR (ready mixes, enzymes, kits and more)

Cat. No.	Type of Product	Use
ET9011	Hy-dNTP's mix, 2.5mM-1ml	RTU aqueous solution at pH 7.0. dNTP's each at a final concentration of 2.5mM. for PCR and other applications.
ET9013	Hy-dNTP's mix, 10mM-1ml	RTU aqueous solution at pH 7.0. dNTP's each at a final concentration of 10mM. for PCR and other applications.
ED3061	Hy-dNTP's set, 100mM-4x0.25ml	For PCR and other applications.
KI5059-B-1	Self Sampling Fecal Kit	For stool collection for pcr procedures

Enzymes

Cat. No.	Type of Product	Use
EPR9016	Hy-Proteinase K 100mg	Used to digest protein and remove contamination from preparations of nucleic acid
NPR9011S	Hy-Proteinase K (20mg/ml)- RTU solution	
NRN9042S	Hy-RNase A (RTU solution)	Often used in removing RNA contaminants from DNA or protein samples, and in RNA protection assays.
ERN9046	100mg/ml Hy-RNase A 100mg	RNasin reduces the activity of RNase A-type enzymes in a variety of organisms- commonly used as a precautionary measure in enzymatic manipulations of RNA to inhibit and control for such contaminants.
ER2011	Rnase inhibitor (Rnasin) 1000U	

NA Electrophoresis

Cat. No.	Type of Product	Use
LD9041	6x DNA Loading Dye	Pre mixed loading buffer with two tracking dye for agarose and non denaturing poylacrylamide gel electrophoresis.
GS7011	Hy-View Nucleic Acid Stain (X20,000)	Pre mixed loading buffer with two tracking dye for agarose and non denaturing poylacrylamide gel electrophoresis.
BP509	TAEX50	An alternative to the traditional ethidium bromide (EB) stain for detecting nucleic acid in agarose gels.



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