

LLG-Microbiological Media, dehydrated



Selected Media also Available as Granules.

Media for bacteria

Luria Bertani (Miller):

- Standard high salt content media for *E. coli* cultivation
- Ideal for plasmid preparation
- Available also as granulated media

Luria Bertani (Lennox):

- Standard medium with low salt content for the cultivation of *E. coli*
- Ideal for cultivating recombinant *E. coli* strains

Terrific Broth:

- Rich content media for the high density cultivation of *E. coli*
- Ideal for protein expression and plasmid preparation
- Available also as granulated media

2xYT Broth:

- Nutritive medium for the cultivation of recombinant *E. coli* strains and for the growth of filamentous bacteriophages

Media for yeasts

YPD-Broth:

- Standard medium for the cultivation of *Saccharomyces cerevisiae* and other yeasts

Agar

Bact. Agar.:

- High quality agar used for the preparation of culture media and other bacteriological applications

Luria Bertani Agar (Miller):

- Standard Agar based on Luria Bertani (Miller) media with high salt content
- Ideal for growth and maintaining especially of *E. coli* strains used in molecular microbiology procedures

Luria Bertani Agar (Lennox):

- Standard Agar based on Luria Bertani (Lennox) media with low salt content
- Ideal for growth and maintaining especially of recombinant *E. coli* strains

Media components

Yeast Extract:

- Concentrate of the water-soluble portion of autolyzed *Saccharomyces cerevisiae* cells
- Non-animal product, used widely for non-animal formulations of bacterial, fungal, mammalian and insect cell culture.

Tryptone:

- Pancreatic digest, tryptone from casein
- Excellent nutrient for use in culture media for producing antibiotics, toxins, enzymes and other biological products

Casein Peptone:

- Pancreatic digest, peptone from casein
- Ideal for use in fermentation applications and microbiological culture media

The safety data sheets of these products are available under www.llg-labware.de/en/download/safety-data-sheets.



Powder and Granules

Description	Capacity	PK	Cat. No.	Price	Now
	g			EUR	EUR
Luria Bertani (Miller) Granules	500	1	6.271 100	71,40	49,98
Luria Bertani (Miller) Powder	500	1	6.271 000	48,90	34,23
Luria Bertani (Lennox) Powder	500	1	6.271 010	49,40	34,58
Terrific Broth Granules	500	1	6.271 102	92,90	65,03
Terrific Broth Powder	500	1	6.271 007	56,40	39,48
2xYT Broth Powder	500	1	6.271 001	52,30	36,61
Bact. Agar Powder	500	1	6.271 003	74,30	52,01
Luria Bertani Agar (Miller) Powder	500	1	6.271 009	47,00	32,90
Luria Bertani Agar (Lennox) Powder	500	1	6.271 008	54,50	38,15
YPD Broth Powder	500	1	6.271 002	49,50	34,65
Yeast Extract Granules	500	1	6.271 101	70,90	49,63
Yeast Extract Powder	500	1	6.271 004	52,40	36,68
Tryptone Powder	500	1	6.271 005	72,90	51,03
Casein Peptone Powder	500	1	6.271 011	66,20	46,34

-30%

LLG-Petridishes, PS



Made of high quality optical clear polystyrene. Produced under aseptic conditions in an ISO 6 cleanroom.

- With a smooth surface for an optimal distribution of the transport medium
- Stable thickness to prevent any deformations while using
- Stackable
- With or without vents
- Aseptic (90 diam. mm) or gamma irradiated sterile versions (all sizes)
- Contact plate with counting grid
- Package size as 10 dishes or as 20 dishes (90 diam. mm)



- Top Price
- Wide Range
- Produced in Cleanroom ISO 6

-30%

Ext. diam. mm	Description	Height approx. mm	PK	Cat. No.	Price	Now
					EUR	EUR
90	with triple vents, aseptic	16	480	6.285 823	54,30	38,01
90	without vents, aseptic	16	480	6.285 824	54,30	38,01
90	with triple vents, sterile	16	480	6.285 816	66,00	46,20
90	without vents, sterile	16	480	6.285 817	72,70	51,59
60	with triple vents, sterile	14	1000	6.285 818	110,30	77,21
60	without vents, sterile	14	1000	6.285 819	110,30	77,21
35	with triple vents, sterile	12	800	6.285 820	106,80	74,76
55	contact plate, sterile	17	1000	6.285 821	218,40	152,88
150	with triple vents, sterile	19	180	6.285 822	86,90	60,83

BRANDplates®



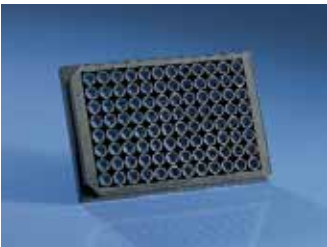
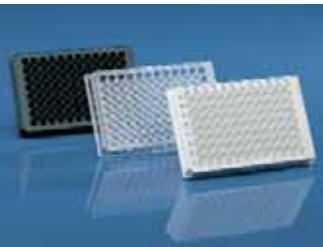
immunoGrade™ (high binding)
Optimized for the immobilization of IgG, highest binding capacity for molecules with mixed hydrophilic and hydrophobic regions. The surface of choice for the majority of standard ELISAs.

pureGrade™ (medium binding)
The standard plate for most applications. Particularly applicable for homogenous assays, screening, and in the field of storage.

pureGrade™ S
Especially suited for bacteriological assays, screenings, storage.

- Colours, wells and shapes:
- Standard or transparent bottom
 - Transparent, white or black plates
 - Various well bottom shapes.
 - Clearly distinguishable via color code: blue embossed alphanumeric coding for 96-well standard plates.
 - Free from endotoxins (< 0.01 EU/ml), DNase, DNA, RNase, non-cytotoxic (according to ISO 10993)
 - ANSI/SLAS format

ImmunoGrade™ (high binding)



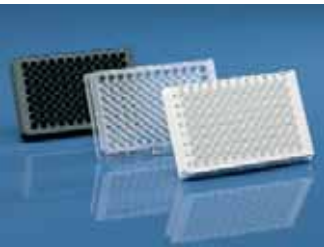
4.000 282

PS, non-sterile.
Please order lids separately.

-20%

Description	Bottom shape/ Well volume µl	PK	Cat. No.	Price	Now
				EUR	EUR
96-well, transparent	U / 330	100	4.000 275	143,15	114,52
96-well, transparent	V / 360	100	4.000 276	143,15	114,52
96-well, transparent	F / 350	100	4.000 277	143,15	114,52
96-well, transparent	C / 350	100	4.000 278	143,15	114,52
96-well, white	U / 330	100	4.000 279	226,65	226,92
96-well, white	C / 350	100	4.000 280	226,65	226,92
96-well, black	U / 330	100	4.000 281	226,65	226,92
96-well, black	C / 350	100	7.635 711	226,65	226,92
96-well, black, transparent	F / 330	100	4.000 282	691,05	552,84

pureGrade™ (medium binding)



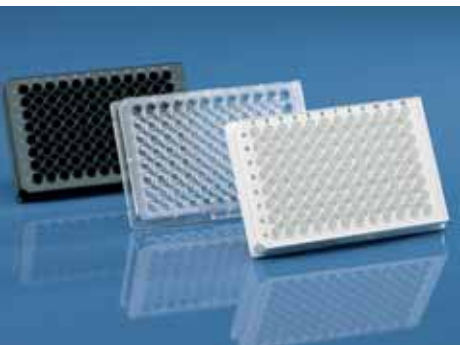
PS. Non-treated, non-sterile.
Please order lids separately.

-20%

Description	Bottom shape/ Well volume µl	PK	Cat. No.	Price	Now
				EUR	EUR
96-well, transparent	U / 330	100	4.000 238	87,80	70,24
96-well, transparent	V / 360	100	6.233 851	87,80	70,24
96-well, transparent	F / 350	100	6.231 785	87,80	70,24
96-well, transparent	C / 350	100	4.000 239	87,80	70,24
96-well, white	U / 330	100	4.000 240	235,60	188,48
96-well, white	F / 350	100	6.233 548	235,60	188,48
96-well, black	U / 330	100	4.000 241	235,60	188,48
96-well, black	F / 350	100	6.233 756	235,60	188,48
96-well, white, transparent	F / 330	100	4.000 242	628,25	502,60
96-well, black, transparent	F / 330	100	4.000 243	628,25	502,60
96-well, UV-transparent*	F / 350	50	9.408 976	588,25	470,60

*slightly hydrophilized

pureGrade™ S



PS. Non-treated, sterile (sterilization via B-radiation).
For bacteriological assays, screenings, storage.
Lids included.

-20%

Description	Bottom shape/ Well volume µl	PK	Cat. No.	Price	Now
				EUR	EUR
96-well, transparent	U / 330	50	4.000 256	112,15	89,72
96-well, transparent	V / 360	50	4.000 257	112,15	89,72
96-well, transparent	F / 350	50	6.233 912	112,15	89,72
96-well, transparent	C / 350	50	4.000 258	112,15	89,72
96-well, white	F / 350	50	4.000 259	201,65	161,32
96-well, black	F / 350	50	4.000 260	201,65	161,32
96-well, white, transparent	F / 330	50	4.000 261	536,25	429,00
96-well, black, transparent	F / 330	50	4.000 262	536,25	429,00

Lids for BRANDplates®, ImmunoGrade™ und pureGrade™, PS



-20%

Description	Height	PK	Cat. No.	Price	Now
	mm			EUR	EUR
for 96-well standard plates with condensation rings	8.0	100	4.000 363	59,85	47,88
for 96-well standard plates	8.0	100	4.000 364	59,85	47,88
for 96-well plates with transp. bottom	4.5	50	4.000 365	58,25	46,60

Sterilisers STERI



6.286 282

Keller
swiss wellness company

The STERI second sterilisers permit instant disinfection and sterilization of all small instruments directly at the workplace. Especially suitable for laminar flow cabinets. Biological investigations and tests prove that the 250 °C temperature maintained in the glass bead container guarantees complete destruction of all micro-organisms and spores within a few seconds. The one part of the instrument which is inserted into the STERI glass beads is sterilized. The STERI 25, 250 and 350 are three versions of the same quality apparatus, with a stainless steel container, high-performance heating element, reduced heating time, high precision thermostat, temperature limiter and built-in thermometer.

STERI 25: Steriliser incl. plain metal cover and glassbeads (40 g).

Particularly suitable for small sized instruments (needles, burrs, etc.).

STERI 250: Steriliser incl. plain metal cover, glass-cup and glassbeads (150 g). Suitable for small & medium sized instruments (scissors, tweezers, forceps, knives, blades, spatulas, etc.).

STERI 350: Steriliser incl. plain metal cover and glassbeads (300 g). Especially suitable for medium sized and longer instruments.

-10%

Type	Filling quantity	External dimensions (W x D x H) mm	PK	Cat. No.	Price	Now
	g				EUR	EUR
STERI 25 with EU plug	40	85 x 90 x 100	1	6.286 281	385,00	346,50
STERI 250 with EU plug	150	125 x 140 x 145	1	6.286 282	385,00	346,50
STERI 350 with EU plug	300	125 x 140 x 205	1	6.286 284	483,00	434,70

Baffled Flasks DURAN®



DURAN GROUP
magic of precision

With GL 45 thread

- Baffled flasks cause a turbulent flow, increase the gas exchange surface and produce a higher oxygen transfer.
- Automated one-step production enables a reproducible and comparable result.
- Complete with membrane screw cap (gas exchange).

-10%

Capacity ml	Bottom diam. mm	Neck diam. mm	Height mm	PK	Cat. No.	Price	Now
						EUR	EUR
250	85	30	145	1	9.141 260	16,46	14,81
500	105	30	149	1	9.141 261	18,44	16,60
1000	136	30	221	1	9.141 263	23,42	21,12

Spinner Flasks Celstir®

WHEATON®

Celstir® spinner flasks are the ideal environment for culturing/growing a wide variety of cells, such as insect cells, hybridomas and many other suspension adapted cells. WHEATON® spinner flasks can be used on all magnetic stirrers.

- For suspension cell culture with a magnetic stirrer
- Autoclavable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements

Scope of supply: Flask, stirring unit with lid and lids for side arms.

Spinner Flask, double sidearm Celstir®



4.658 741

- Adjustable paddle impeller and sterile design as stirrer shaft does not protrude through cap
- 1:1 headspace ratio for ideal gas exchange
- Bottom dimple to reduce cell aggregation (dimple on 125 ml and larger flasks)

-10%

Capacity ml	Dimensions (dia. x H) mm	Cap size, top	Cap size, sidearms	PK	Cat. No.	Price	Now
						EUR	EUR
25	38 x 122	38-430	15-415	1	4.658 741	223,07	201,57
50	38 x 141	38-430	15-415	1	4.658 742	223,07	199,86
125	65 x 155	51-400	33-430	1	4.658 743	270,10	243,09
250	85 x 155	51-400	33-430	1	4.658 745	294,66	265,19
500	110 x 190	100-400	GL 45	1	4.658 747	419,06	377,96
1000	130 x 250	100-400	GL 45	1	4.658 749	478,57	430,71
3000	178 x 341	100-400	GL 45	1	4.658 752	711,58	640,42
6000	258 x 404	100-400	GL 45	1	4.658 753	931,41	838,27
8000	293 x 445	100-400	GL 45	1	4.658 754	1104,46	994,01

Spinner Flask, double sidearm, jacketed Celstir®



4.658 768

- 360° water jacket for precise temperature control
- Inlet and outlet hose barb connections for 0.25" (6.35 mm) ID tubing

-10%

Capacity ml	Dimensions (dia. x H) mm	Cap size, top	Cap size, sidearms	PK	Cat. No.	Price	Now
						EUR	EUR
25	54 x 134	38-430	15-415	1	4.658 768	346,94	312,25
50	54 x 147	38-430	15-415	1	4.658 769	403,45	363,11
125	80 x 162	51-400	33-430	1	4.658 770	564,40	508,04
250	100 x 182	51-400	33-430	1	4.658 771	628,67	565,80
500	130 x 195	100-400	45 mm	1	4.658 772	722,56	650,30
1000	150 x 260	100-400	45 mm	1	4.658 773	852,34	767,11

LABORTOPS

! EXTRA
Life Science

CO₂ Incubators CelCulture® with Stainless steel interior/Air jacket



ESCO
WORLD CLASS. WORLDWIDE.

The CelCulture® CO₂ incubators from Esco are widely used in scientific research to grow and maintain cell cultures. Typical fields of application include tissue engineering, in vitro fertilization, neuroscience, cancer research and other mammalian cell research applications.

- Fast and uniform temperature and CO₂ control
- HEPA filtration system with internal blower
- Capacitive humidity sensor
- IR CO₂-sensor with automatic auto zero
- Quick recovery time for temperature, CO₂ and humidity after door opening
- Stainless steel 1.4301 (AISI 304) or copper interior
- 90 °C moist heat decon system
- Easy to clean due to removable lids and inner door
- Serial RS 485 communication port
- Low maintenance demand
- Stackable

-10%

Internal volume	Internal dimensions (W x D x H)	External dimensions (W x D x H)	Shelf support ribs/shelves	Rating	Weight	PK	Cat. No.	Price	Now
litres	mm	mm		W	kg			EUR	EUR
50	345 x 375 x 390	500 x 500 x 655	3 (max. 4)	880	70	1	6.287 238	4.320,00	3.888,00
170	505 x 530 x 635	660 x 725 x 900	4 (max. 7)	2000	120	1	6.287 239	7.206,00	6.485,40
240	595 x 620 x 635	750 x 770 x 900	4 (max. 7)	2640	155	1	6.287 241	9.793,00	8.813,70