



# LIFE SCIENCE

GRYNIA

**Culture flasks, treated, sterile**

NEW

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Flat base which is free from striation to maximize the usable growth area. Polyethylene cap available in two versions: blind standard cap for closed systems and vented cap with a 0,22 micron hydrophobic membrane to allow gas exchange minimizing the risk of cross contamination. Angled neck design to improve access of pipettes and cell scrapers. Engraved graduation on both sides and writing area next to the neck. Sterilized by gamma irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags of 10 units (flasks of 25 and 50 ml) or 5 units (flasks of 250 and 600 ml)

reference	volume (ml)	growth area (cm <sup>2</sup> )	stopper	pcs/pack	price/pack	average price/pc
CCFP-S25-200	25	12,5	standard	200		
CCFP-V25-200	25	12,5	vent	200		
CCFP-S50-200	50	25,0	standard	200		
CCFP-V50-200	50	25,0	vent	200		
CCFP-25S-100	250	75,0	standard	100		
CCFP-25V-100	250	75,0	vent	100		
CCFP-60S-040	600	182,0	standard	40		
CCFP-60V-040	600	182,0	vent	40		

GRYNIA

**Culture multiwell plates, treated, sterile**

NEW

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Uniform volume and growth surface in all wells. Smooth well surface which is free from striation to maximize the usable growth area. Wells are labeled with alphanumeric code for easy identification. Sterilized by gamma irradiation and certified free of DNase, RNase and pyrogens. Lids included. Packed in individual bags

reference	wells	working vol. (ml)	growth area (cm <sup>2</sup> )	bottom	pcs/pack	price/pack	average price/pc
CCPP-006-100	6	1,90 - 2,90	9,60	flat	100		
CCPP-012-100	12	0,76 - 1,14	3,85	flat	100		
CCPP-024-100	24	0,38 - 0,57	1,93	flat	100		
CCPP-048-100	48	0,19 - 0,29	0,83	flat	100		
CCPP-096-100	96	0,075 - 0,20	0,33	flat	100		
CCPP-U96-100	96	0,075 - 0,20	0,58	U-shaped	100		

GRYNIA

**Culture dishes, treated, sterile**

NEW

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Smooth surface which is free from striation to maximize the usable growth area. Sterilized by gamma irradiation and free of pyrogens. Lids included. Packed in resealable bags of 10 units

reference	Ø <sub>base</sub> (mm)	Ø <sub>lid</sub> (mm)	h <sub>with lid</sub> (mm)	growth area (cm <sup>2</sup> )	pcs/pack	price/pack	average price/pc
CCDP-035-960	32,8	37,8	12,5	8,5	960		
CCDP-060-600	52,0	58,8	17,8	21,2	600		
CCDP-100-300	87,8	95,6	22,0	60,8	300		

GRYNIA

**Cell scrapers, sterile**

NEW

Two blade positions: "scraper" and "lifter", made of thermoplastic elastomer (TPE). Flexible ABS handle, specially designed to collect cells without damaging. Sterilized by gamma irradiation and certified free of DNase, RNase and pyrogens. Packaged in individual bags

reference	blade width (mm)	l <sub>total</sub> (mm)	pcs/pack	price/pack	average price/pc
CSCP-025-100	2,0	250	100		
CSCP-039-100	2,0	390	100		

NEW

**PES vacuum filtration units, sterile**

Used for the filtration of culture media and other biological fluids. Collection bottle made of polystyrene, upper cup made of ABS, central neck and lid made of polypropylene. Filter membrane made of PES (polyethersulfone). Maximum usage temperature: 45 °C. Sterilized by gamma irradiation and free of pyrogens. Packaged in individual bags

reference	pore (µm)	volume (ml)	Ø membrane (mm)	pcs/pack	price/pack	average price/pc
VFPE-252-012	0,22	250	50	12		
VFPE-254-012	0,45	250	50	12		
VFPE-502-012	0,22	500	75	12		
VFPE-504-012	0,45	500	75	12		

NEW

**Polystyrene serological pipette, sterile**

Made of crystal polystyrene and with color coded ring for quick volume identification. Sterilized by gamma irradiation. Non-pyrogenic. Packed individually in paper/plastic bag (peel-pack). Cotton filter plug to protect pipetting devices. Graduations are calibrated for accurate dispensing within  $\pm 2\%$ . Normal graduation (zero on top). Carton has been specially designed for efficient bench top dispensing with a removable perforated front panel. Certificate of sterilization included (to be downloaded free of charge at [www.labbox.com](http://www.labbox.com))

reference	capacity	graduation (ml)	code color	pcs/pack	price/pack	average price/pc
MPIP-J01-500	1 ml	0,01	yellow	500		
MPIP-J02-500	2 ml	0,02	green	500		
MPIP-J05-200	5 ml	0,1	blue	200		
MPIP-J10-200	10 ml	0,1	orange	200		
MPIP-J25-150	25 ml	0,2	red	150		
MPIP-J50-100	50 ml	0,5	purple	100		

NEW

**Tissue grinder, PTFE**

Used for the controlled reduction of particle size and homogenization of a variety of substances, especially biological material. The plunger head is made of pure PTFE and the shaft of stainless steel (Ø 6,5 mm). The tube is made of borosilicate glass and the clearance between the plunger head and tube is 0,15-0,25 mm wide. Volumes stated are working volumes with the plunger in place

reference	volume (ml)	h (mm)	type	pcs/pack	price/pack
TIGR-V02-001	2	120	glass vessel	1	
TIGR-V05-001	5	135	glass vessel	1	
TIGR-V10-001	10	150	glass vessel	1	
TIGR-V15-001	15	155	glass vessel	1	
TIGR-V30-001	30	175	glass vessel	1	
TIGR-V50-001	50	195	glass vessel	1	
TIGR-P02-001	2	230	plunger	1	
TIGR-P05-001	5	235	plunger	1	
TIGR-P10-001	10	270	plunger	1	
TIGR-P15-001	15	270	plunger	1	
TIGR-P30-001	30	270	plunger	1	
TIGR-P50-001	50	270	plunger	1	

GRYNIA



GRYNIA



GRYNIA



## Steristoppers®



## Cellulose stoppers, sterilizable

Disposable. Designed to close culture and microbiological samples, sample tubes, erlenmeyers, ... Will fit perfectly into the mouth of the container. Sterilizable up to 200 °C. Air permeable

reference	number	for containers with $\varnothing_{\text{inner}}$	pcs/pack	price/pack	average price/pc
SSTO-08P-100	8P	7,5 - 10,5 mm	100		
SSTO-009-100	9	10,5 - 11,5 mm	100		
SSTO-09P-100	9P	9,0 - 10,5 mm	100		
SSTO-010-100	10	9,5 - 11,5 mm	100		
SSTO-011-100	11	12,0 - 14,5 mm	100		
SSTO-012-100	12	11,5 - 13,5 mm	100		
SSTO-013-100	13	12,5 - 14,5 mm	100		
SSTO-014-100	14	13,0 - 14,5 mm	100		
SSTO-14P-100	14P	12,0 - 14,0 mm	100		
SSTO-015-100	15	13,5 - 15,5 mm	100		
SSTO-018-100	18	17,5 - 18,5 mm	100		
SSTO-019-100	19	19,0 - 22,0 mm	100		
SSTO-026-100	26	26,0 - 27,0 mm	100		
SSTO-027-100	27	27,0 - 32,5 mm	100		
SSTO-029-025	29	29,5 - 31,0 mm	25		
SSTO-29K-025	29K	26,0 - 27,0 mm	25		
SSTO-032-025	32	32,5 - 35,0 mm	25		
SSTO-32P-025	32P	32,0 - 33,0 mm	25		
SSTO-036-025	36	35,5 - 39,5 mm	25		
SSTO-037-025	37	37,5 - 41,5 mm	25		
SSTO-038-025	38	40,0 - 43,5 mm	25		
SSTO-40P-025	40P	42,0 - 46,5 mm	25		
SSTO-45P-025	45P	47,0 - 48,0 mm	25		

## Labocap



## Test tube caps, Labocap

Used in microbiological, bacteriological and biotechnological laboratories. They are mainly used to protect the sample against external dirt, guaranteeing a sterilizable but non-hermetic seal. Made of high quality aluminum. Built-in spring made of nickel-plated steel that gives an excellent adhesion to the tube and ensures the required air flow

reference	$\varnothing_{\text{tube}}$ (mm)	color	pcs/pack	price/pack	average price/pc
CFTT-009-010	9/10	red	10		
CFTT-012-010	12/13	red	10		
CFTT-014-010	14/15	red	10		
CFTT-015-010	15/16	red	10		
CFTT-017-010	17/18	red	10		
CFTT-019-010	19/20	red	10		
CFTT-021-010	21/23	red	10		
CFTT-024-010	24/26	red	10		



**PCR microtube, DNase and RNase free, Premium Line**

Made of polypropylene. Thin wall tube for PCR, optimized for all thermocyclers models. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Natural colour, autoclavable

reference	capacity	type	pcs/pack	price/pack	average price/pc
PCRD-F05-1K0	0,5 ml	PCR flat lid	1000		
PCRD-F02-1K0	0,2 ml	PCR flat lid	1000		

**PCR microtube**

Made of polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack	average price/pc
PCRP-002-1K0	0,2 ml	for PCR, flat lid	1000		
"Saving package"					
PCRP-002-20K	0,2 ml	for PCR, flat lid	20 x 100		

Storage boxes en racks for PCR microtubes see p. 154

**Thermocycler DLAB TC1000-S series**

Used to amplify DNA and RNA samples via the polymerase chain reaction (PCR) and for other temperature-sensitive reactions. Aluminum block capacity (included): 96 x 0,2 ml PCR tubes, 96 well plate or 8 and 12 PCR tube strips. Heating temperature range: 4-105°C. Lid temperature range: 30-110 °C. Temperature display resolution: ±0,1 °C. Temperature control accuracy [at 55 °C]: ±0,3 °C. Temperature uniformity [at 55 °C]: <0,3 °C. Max heating/cooling rate: 3 °C/sec. Intuitive LCD touch screen for real time monitoring of experimental temperature. Six high-performance Peltier structures for temperature control accuracy. Superior temperature control system with two options: programming the block temperature or programming the estimated temperature inside the tube. Adjustable thermal lid with anti-sample evaporation function. Power-ON self-test function for quick internal diagnosis. Power off protection with automatic program recovery. User defined file system: max. 30 segments of 99 cycles, max. 16 folders and 16 files in each folder. Hot lid automatic shut-off function if module temperature is lower than 30 °C. Compatible with most universal PCR tubes and 96-well PCR plates. Dimensions: 280 x 370 x 250 mm. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack
THCY-1KS-001	Thermocycler DLAB TC1000-S	1	

ZERO DNA solution for cleaning contaminating DNA and RNA particles see p. 223

astik's



astik's



DLAB



## Reagents for molecular biology

**Acrylamide**

MW: 71.08 CAS: 79-06-1 EC: 201-173-7 EC INDEX: 616-003-00-0 UN: 2074 TARIC code: 29241900

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074

Acrylamide **GEN** for electrophoresis

Assay > 99.9%  
Insol. matter < 0.05%

Acryl. acid < 0.001%  
H<sub>2</sub>O < 0.1%

reference	packaging	price
ACAD-00B-1K0	1 kg	

labkem

$$\text{H}_2\text{C}=\text{CHCONH}_2$$
