



This offer is only valid with
the indication of the code:

APPLIDG

Detergents Promotion

22 May -15 Sept 2018

-35%
on all

Detergents are also termed as tensides or surfactants. They are soluble in aqueous solution as well as in non-polar organic solvents, and they are able to influence the solubility of other molecules (like lipids or hydrophobic proteins in buffer solutions).

They all have in common that they are soluble amphipathic (amphiphilic) compounds, with both lipophilic (hydrophobic, nonpolar) and lipophobic (hydrophilic, polar) groups within one molecule. Therefore, they will form stable aggregates (micelles) above a critical concentration, called **CMC value** (Critical Micellar Concentration). The CMC value is specific to each detergent and different factors (chemical structure, pH value, temperature, ionic strength) may influence it.

Detergents are widely used in biochemistry, cell biology or molecular biology. Cell lysis, protein solubilization, protein crystallization or reduction of background staining in blotting experiments are just a few of numerous applications.



Examples of Applications

Purification

- Proteins in Protein Expression, stabilize proteins, study of the conformation and function of proteins
- DNA / RNA, as component of a lysis buffer (lysis of cell nuclei)

Solubilization

- Membranes
- Organelles
- Membrane proteins without denaturing them

Blotting (Proteomics and Electrophoresis)

- Southern
- Western
- Northern
- ELISA, or other immunostaining

Electrophoresis

- Amino acid and protein separation (SDS-PAGE)
- Capillary electrophoresis

Chromatography

- Stein-Moore (amino acid content analysis)



BO-025EN;201805

Product Name	Code	Package	Recommended list price	Promo recommended price
Cetyltrimethylammonium Bromide for molecular biology	A6284,0100	100 g	31.60 €	20.50 €
	A6284,0500	500 g	99.20 €	64.50 €
Cetyltrimethylammonium Bromide BioChemica	A0805,0100	100 g	24.70 €	16.10 €
	A0805,0500	500 g	99.40 €	64.60 €
CHAPS BioChemica	A1099,0005	5 g	60.80 €	39.50 €
	A1099,0025	25 g	208.40 €	135.50 €
	A1099,0050	50 g	369.60 €	240.20 €
Digitonin (Reagent USP) BioChemica	A1905,0100	100 mg	42.90 €	27.90 €
	A1905,0500	500 mg	146.60 €	95.30 €
	A1905,0001	1 g	244.60 €	159.00 €
	A1905,0005	5 g	957.00 €	622.10 €
n-Octyl-β-D-Glucopyranoside BioChemica	A1010,0001	1 g	47.40 €	30.80 €
	A1010,0010	5 g	315.10 €	204.80 €
	A1010,0025	25 g	499.00 €	324.40 €
Pluronic® F-68 BioChemica	A1288,0100	100 g	26.20 €	17.00 €
	A1288,0500	500 g	56.00 €	36.40 €
SDS for molecular biology	A2263,0100	100 g	54.60 €	35.50 €
	A2263,0500	500 g	196.40 €	127.70 €
	A2263,1000	1 kg	344.20 €	223.70 €
SDS ultrapure	A1112,0100	100 g	31.30 €	20.30 €
	A1112,0500	500 g	120.00 €	78.00 €
	A1112,1000	1 kg	223.80 €	145.50 €
SDS BioChemica	A2572,0250	250 g	52.80 €	34.30 €
	A2572,0500	500 g	90.50 €	58.80 €
	A2572,1000	1 kg	149.10 €	96.90 €
SDS graded pure	A7249,0500	500 g	28.30 €	18.40 €
	A7249,1000	1 kg	48.70 €	31.70 €
	A7249,5000	5 kg	162.10 €	105.40 €
SDS solution 20 % for molecular biology	A0675,0250	250 ml	44.00 €	28.60 €
	A0675,0500	500 ml	65.40 €	42.50 €
	A0675,1000	1 L	111.30 €	72.30 €
SDS solution 20 % pure	A3942,1000	1 L	41.10 €	26.70 €
SDS solution 10 % for molecular biology	A0676,0250	250 ml	24.10 €	15.70 €
	A0676,0500	500 ml	40.60 €	26.40 €
	A0676,1000	1 L	65.60 €	42.60 €
Tween® 20 for molecular biology	A4974,0100	100 ml	19.00 €	12.40 €
	A4974,0250	250 ml	23.10 €	15.00 €
	A4974,0500	500 ml	33.00 €	21.50 €
	A4974,1000	1 L	54.70 €	35.60 €
Tween® 80 BioChemica	A1390,0500	500 ml	28.30 €	18.40 €
	A1390,1000	1 L	48.20 €	31.30 €

Promotion valid from May 22 to September 15, 2018

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