

Cell biology reagents

Cell biology is the study of cell structure and function. Cell Biology covers key research areas such as Apoptosis, Cancer Research, Cell Signalling, and Cell Morphology. Alfa Aesar, now part of Thermo Fisher Scientific, offers research products include, stains and dyes, antibodies, protein kinases, ion channel reagents, peptides and proteins amongst others.

Antibiotics

Antibiotics specifically target cells in microorganisms.

Stock No.	Description	Sizes
J61491	Amphotericin B, Streptomyces nodosus	100mg, 1g, 5g
J63807	Ampicillin sodium salt	1g, 5g ,10g
J61835	Bafilomycin A1	1mg, 5mg, 10mg
J62671	G418 disulfate, Cell Culture Reagent	1g, 5g, 25g
J62834	Gentamycin sulfate, 600 I.U./mg	1g, 5g, 10g
J60668	Kanamycin monosulfate, Cell Culture Grade	1g, 5g, 10g
J61499	Neomycin sulfate hydrate	25g, 100g
J63074	Polymixin B sulfate	1g, 5g
J61299	Streptomycin sulfate, Cell Culture Reagent	50g, 100g
J61763	Polymixin B sulfate, Cell Culture Reagent	1g, 5g

Protease inhibitors

Protease inhibitors are used to maintain functional proteins following cell lysis.

Stock No.	Description	Sizes
J63039	Aprotinin, from bovine lung	10mg, 25mg, 100mg
J61106	Bestatin	100mg, 250mg
J63445	Genistin, 99+%	25mg, 100mg
J60237	Pepstatin A, 98%	5mg, 25mg

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These reagents are widely used in cell biology protocols.

Stock No.	Description	Sizes
15987	Phenol Red sodium salt, ACS	5g, 25g
16294	Phenol Red, ACS	5g, 25g, 100g
J62036	Phosphate buffered saline, (PBS, 10X), pH 7.4	1L, 2L, 4L
J61574	RNase Removal Reagent	475ml
J60764	TRIS-buffered saline (TBS, 10X) pH 7.4	1L, 2L, 4L
J60610	Water RNase & DNase Free	3.8L

Cell culture reagents

These reagents have been designated as suitable for use in cell culture protocols.

Stock No.	Description	Sizes
J62905	Calcium chloride, 100mM aq. soln., sterile	500ml, 1L
J63745	L-Cysteine, Cell Culture Reagent	25g, 100g
J60573	L-Glutamine, Cell Culture Reagent	25g, 100g, 1kg
J62407	L-Glycine, 99.5+%, Cell Culture Reagent	100g, 500g, 1kg
J63065	L-Histidine, Cell Culture Reagent	10g, 100g, 500g, 1kg
J62575	Magnesium chloride	250g, 500g, 1kg
J61014	Magnesium chloride, 1M aq. soln., sterile	125ml, 250ml

Dyes/stains

Dyes and stains are used to observe biomolecules. Many of our dyes have been certified by the Biological Stain.

Stock No.	Description	Sizes
J62728	FURA 2-AM	1mg
L09319	FITC	50mg, 250mg, 1g
B21172	Giemsa Stain	10g, 50g
J60505	Pyronin Y, 0.2% w/v aq. soln.	10ml, 25ml
J62315	Rhodamine 6G	25g, 100g
A13572	Rhodamine B	50g, 250g, 1kg
J60122	Alican Blue 8GX	10g, 25g, 100g

Full product listing is available online.

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