



Exclusivas Pascual y Furio
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CELL CULTURE

Cell Proliferation Kit XTT

Kit for the quantification of cell proliferation and viability without using radioactive isotopes; 1000 assays

Only in living cells mitochondria are capable to reduce XTT to form an orange colored water soluble dye. Therefore, the concentration of the dye is proportional to the number of metabolically active cells.

Main Advantages

- **Easy-to-use:** There is no requirement for additional reagents and/or cell washing procedures.
- **Speed:** One step process with results within 2 – 5 hours.
- **Sensitivity:** Can be assayed even in low cell concentrations.
- **Accuracy:** Dye absorbance is proportional to the number of live cells in each well.
- **Safety:** There is no need for radioactive isotopes.
- **Convenience:** No instrumentation required except for a spectrophotometer (ELISA reader). The entire assay can be performed directly in a microtiter plate.



Description	Application	Code	Package
Cell Proliferation Kit XTT Alternative to Promega G7571	Cell Proliferation Kit employs 2,3-Bis-(2-methoxy 4-nitro-5-sulfophenyl)-2H-tetrazolium-5-carboxanilide salt (XTT)	A8088,1000	1000 tests

Banish cell culture contamination

Description	Application	Code	Package
Mycoplasma Prevention			
Incubator-Clean™ Alternative to Fisher NC0166254	Spray for incubators that prevents contamination with fungi, molds, bacteria, mycoplasma and viruses.	A5230,1000	1 L
Incuwater-Clean™ Alternative to Akron Biotech AK5219-0100	100X ready-to-use solution to prevent contamination for the incubator's water bath.	A5219,0100	100 ml
Aquabator-Clean™ (100X) Alternative to Sigma S5525	Intended for disinfecting various kinds of water baths from bacteria and fungi.	A9390,0250	250 ml
Mycoplasma Detection			
PCR Mycoplasma Test Kit I Alternative to Sigma MP0035	Designed to detect the presence of mycoplasma contaminating biological materials by conventional PCR. Includes internal control and DNA polymerase.	A9753,0025	25 tests
qPCR Mycoplasma Test Kit Alternative to Sigma MP0040A	Based on a 5-Nuclease probe assay for qPCR, which is established as the method of choice for highest sensitivity in the detection of <i>Mycoplasma</i> and <i>Acholeplasma</i> contamination.	A9019,0025	25 tests
DAPI BioChemica Alternative to Sigma D9542	The most popular application of DAPI is its use as a reagent to detect mycoplasma or virus DNA in the cell culture.	A1001,0010	10 mg
Mycoplasma Elimination			
Myco-1 & 2 Set Alternative to Roche 10799050001	Myco-1 is based on the antibiotic Tiamulin, and Myco-2 is based on Minocycline, a Tetracycline derivative. Both are generally used sequentially in combination.	A8360,0100	1 set
Myco-4* Alternative to Sigma MP0030 <i>*Also Myco-3 is available</i>	Myco-4 is a combination of standard antibiotics and biological reagents that integrate into the mycoplasma membrane and compromise its integrity.	A8366,0002	2 kits

Valid from 1 June until 15 September 2016, only for Spain, Portugal and France.

General antibiotics for cell culture

Description	Application	Code	Package
CellCultureGuard Alternative to Invivogen ant-mpp	Combination of novel antibiotics perfectly suited for protection of animal and human cell cultures from contamination by microorganisms.	A8906,0050	50 ml
Vancomycin Hydrochloride BioChemica Alternative to Sigma V2002	The antibiotic is bacteriostatic and at higher concentrations bactericidal in particular instances against gram-positive bacteria.	A1839,0005	5 g
Polymyxin B Sulfate BioChemica Alternative to Sigma P0972	Polymyxin B is only active against proliferating and non-proliferating gram negative bacteria.	A0890,0010	10 g
Gentamycin Sulfate BioChemica Alternative to Sigma G1914	Active against a wide range of bacterial infections, mostly Gram-negative bacteria and the Gram-positive <i>Staphylococcus</i> .	A1492,0025	25 g
Ampicillin Sodium Salt BioChemica Alternative to Sigma A9518	It interferes with the wall peptide crosslinking in growing bacteria. Its action is bactericidal and the pH optimum for its action ranges from pH 5.5 - 6. At this pH value, its activity against <i>E. coli</i> is 10x higher in comparison to pH 8.	A0839,0100	100 g
G418 Disulfate solution, sterile Alternative to Gibco 10131027	G418 disulfate is used for the selection of stably transformed cells, which have incorporated the neomycin resistance gene.	A6798,0050	50 ml

General reagents for cell culture

Description	Application	Code	Package
Fibronectin solution for cell culture Alternative to Sigma F1141	Fibronectin is an attachment factor that facilitates the attachment and cytoplasmic spreading of all types of anchorage-dependent cells.	A8350,0005	5 ml
Actinomycin D BioChemica Alternative to Sigma A9415	Actinomycin D intercalates into DNA and thereby inhibits the transcription and cell proliferation.	A1489,0005	5 mg
Dimethyl Sulfoxide for cell culture Alternative to Sigma D2650	Dimethyl sulfoxide (DMSO) is widely used for the freezing of cells in cell culture instead of glycerol. Also used as a solvent for many substances in cell culture.	A3672,0100	100 ml
Trypan Blue (C.I. 23850) Alternative to Sigma T6146	Trypan blue is a vital stain used to selectively colour dead tissues or cells blue.	A0668,0025	25 g

Media supplements for cell culture

The cultivation of cells requires the use of a media that provides all the nutrients and growth factors needed for the proper proliferation and growth of a cell culture. Preparation of media in the lab allows to define the exact conditions that a certain culture requires for each specific experiment.



Description	Code	Package
D(+)-Glucose anhydrous for cell culture	A0883,1000	1 kg
L-Glutamine for cell culture	A3704,1000	1 kg
Glycine for molecular biology	A1067,1000	1 kg
HEPES for cell culture	A3268,0250	250 g
Phenol Red for cell culture	A7615,0010	10 g
Sodium Chloride for cell culture	A4256,1000	1 kg
Sodium Pyruvate for cell culture	A4859,1000	1 kg



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Referencia	Descripción	Formato	pvp indiv
A5230,0500	Incubator-Clean BioChemica	500 ml	64,20 €
A5219,0100	Incuwater-Clean BioChemica	100 ml	29,10 €
A9390,0250	Aquabator-Clean (100X) BioChemica	250 ml	27,20 €
A9019,0025	qPCR Mycoplasma Test Kit BioChemica	25 Tests	484,80 €
A9202,0010	PBS, tabletas pH 7,2 (para 1 L)	10 Tabs	114,80 €
A5222,0010	Myco-1 BioChemica	10 ml	59,70 €
A8360,0010	Myco-1 y 2 Set BioChemica	1 Set	115,50 €
A5233,0010	Myco-2 BioChemica	10 ml	47,00 €
A5240,0010	Myco-3 BioChemica	10 ml	33,50 €
A8366,0002	Myco-4 BioChemica	2 Kit	346,00 €
A8906,0050	CellCultureGuard BioChemica	50 ml	200,60 €
A1839,0250	Vancomicina Clorhidrato BioChemica	250 mg	45,50 €
A0890,0001	Polimixina B Sulfato BioChemica	1 g	39,20 €
A1492,0005	Gentamicina Sulfato BioChemica	5 g	21,90 €
A0839,0010	Ampicilina Sal Sódica BioChemica	10 g	24,90 €
A6798,0020	G418 Disulfato - Solución, estéril BioChemica	20 ml	88,40 €
A8350,0005	Fibronectina - Solución para cultivo celular	5 ml	279,70 €
A1489,0005	Actinomicina D BioChemica	5 mg	43,50 €
A3672,0050	Dimetilsulfóxido para cultivo celular	50 ml	19,10 €
A7248,0010	Dimetilsulfóxido, filtrado, estéril (ampolla de cristal)	5x10 ml	259,60 €
A0668,0025	Azul Tripán (C.I. 23850) BioChemica	25 g	54,90 €
A3704,1000	L-Glutamina para cultivo celular	1 kg	228,30 €
A1067,0500	Glicina para biología molecular	500 g	28,30 €
A3724,0250	HEPES para biología molecular	250 g	81,20 €
A6906,0125	HEPES, Tampón pH 8,0 (1 M) estéril BioChemica	125 ml	60,20 €
A7615,0010	Rojo de Fenol para cultivo celular	10 g	27,10 €
A4859,0100	Sodio Piruvato para cultivo celular	100 g	65,80 €
131659.1210	Sodio Cloruro para análisis, ACS, ISO	500 g	18,90 €