

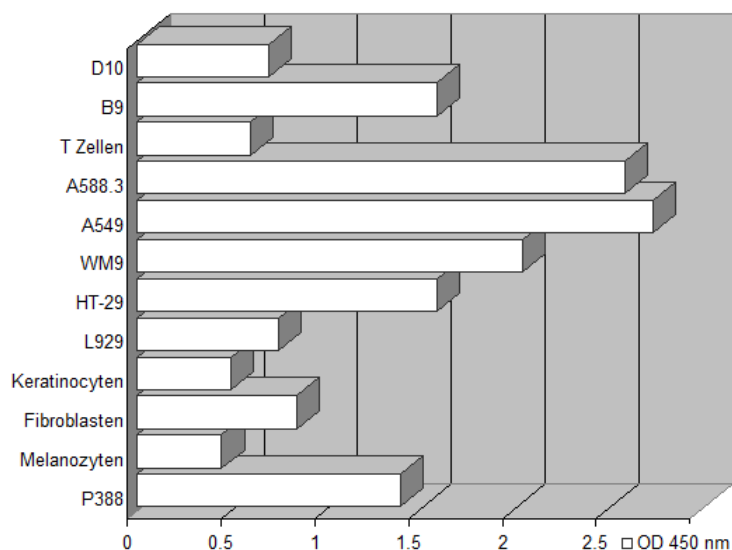
Technical Information

EZ4U Cell Proliferation and Cytotoxicity Assay

CE

Cat. No.:	BI-5000
Volume:	10 x 96 tests
Method:	Colorimetric Assay (non-radioactive, non-toxic)
Incubation time:	2 – 5 hours, depending on the metabolic capacity of the cells
Sample volume:	200 µl
Sample type:	cell culture samples
Application:	

The assay set-up is performed in the same manner as the standard ³H-thymidine incorporation method. Instead of pulsing with tritiated nucleotide, 20 µl of dye solution is added to 200 µl sample. The incubation time is dependent on the metabolic capacity of the cells. Usually two to five hours of incubation at 37°C are sufficient to yield a significant increase in color intensity. As different cells vary in their ability to convert the yellow colored tetrazolium compound to its red formazan derivative, we recommend testing every new cell-line's metabolic capacity as described in the figure below.



Intended use:

The EZ4U kit is a two to five-hour test for the measurement of cell proliferation and cell toxicity. The EZ4U test employs non-toxic tetrazolium salts, which are reduced to colored formazan. As this reduction process requires functional mitochondria, which are inactivated within a few minutes after cell death, this method provides an excellent tool for the discrimination between living and dead cells.

Intended applications:

- Cell Proliferation and Cytotoxicity Assay

For further information please contact / Für weitere Informationen wenden Sie sich bitte an /
Pour plus d'informations, veuillez contacter:

www.tecomedical.com



A EURO BIO SCIENTIFIC COMPANY

Switzerland / Headquarters

TECOmedical AG
Gewerbstrasse 10
4450 Sissach
Phone +41 61 985 81 00
Fax +41 61 985 81 09
Mail info@tecomedical.com

Germany

TECOmedical GmbH
Wasserbreite 57
32257 Bünde
Phone +49 52 23 985 99 99
Fax +49 52 23 985 99 98
Mail info@tecomedical.com

Benelux

TECOmedical Benelux BV
Prins Willem-Alexanderlaan 301
7311 SW Apeldoorn, The Netherlands
Phone +31 30 307 87 30
Fax +31 30 307 49 39
Mail benelux@tecomedical.com

Austria

TECOmedical AG
Phone 0800 20 40 66
Fax 0800 20 40 55
Mail info@tecomedical.com