

Product Datasheet

Bacterial Counting Assay Kit (Colorimetric) NBP3-09183

Unit Size: 1 Kit

Store at -20C.

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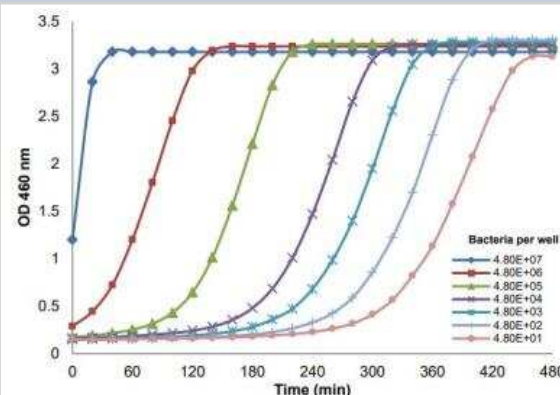


NBP3-09183**Bacterial Counting Assay Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Product Description	
Description	<p>This Bacterial Counting Assay Kit (Colorimetric) is a simple and sensitive assay to quantify bacterial concentration and viability. The assay is based on the cleavage of a water soluble tetrazolium salt (WST) to formazan by mitochondrial dehydrogenases. The color produced is directly proportional to the number of viable bacteria and can be quantified using a microplate reader (OD 460 nm). The assay is sensitive and can detect the growth of low density cultures starting less than 10 bacteria per well at the time of adding the reagent. The assay can also be used to count the number of living bacteria in a broth culture or to study bacterial viability in response to inhibitors, types of media, antibiotics, growth and heterologous protein overexpression conditions.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab284554)</p>
Species	Bacterial, E. coli
Specificity/Sensitivity	Measure bacterial viability in response to changes in environment, growth activators, inhibitors, antibiotics, overexpression inducers etc. Screen bacteria to determine the toxicity of protein products.
Kit Components	Electrocoupling Solution (ECS) (5 mL), WST Reagent (lyophilized) (1 vial)
Product Application Details	
Applications	Quantification
Recommended Dilutions	Quantification

Images

Quantification : Bacterial Counting Assay Kit (Colorimetric) - Effect of time on E.coli growth: Density of bacteria as determined by time to yield change at OD 460 nm during 8 hr incubation at 37C.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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