

Product Datasheet

beta Galactosidase IHC Detection Kit

NBP2-29546

Unit Size: 1 Kit

Storage is content dependent.

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Publications: 1

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NBP2-29546**beta Galactosidase IHC Detection Kit****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	Storage is content dependent.

Product Description

Description	The B-galactosidase staining kit contains the necessary reagents to perform 100 assays in a 6-well plate format, providing an easy and rapid method to determine transfection efficiency by indicating β -Gal activity in individual intact cells. The transfected cells can be stained in tissue culture dishes without having to remove or manipulate the cells.
Kit Components	Fixative Solution - 25% Glutaraldehyde (1 mL), X-Gal - 40 mg/mL in DMSO (600 μ L), Staining Solution A - 0.1M potassium ferricyanide (10 mL), Staining Solution B - 0.1M potassium ferrocyanide (10 mL), Staining Solution C - 1M MgCl ₂ (1 mL)
Notes	Additional items required (not included in the kit): 6-Well Tissue Culture Plates (Or tissue culture plates of choice) Cells transfected with an expression plasmid encoding the LacZ gene for B-Gal expression. Untransfected Cells for a background control. Pipettor 37C incubator Light Microscope 1X PBS (approximately 10 mL per well for the 6-well format)

Product Application Details

Applications	Immunohistochemistry, Cellular Imaging, Enzyme Activity
Recommended Dilutions	Immunohistochemistry, Enzyme Activity, Cellular Imaging

Publications

Alpert E, Gruzman A, Tennenbaum T et al. Selective cyclooxygenase-2 inhibitors stimulate glucose transport in L6 myotubes in a protein kinase Cdelta-dependent manner. Biochem Pharmacol. 2007-02-01 [PMID: 17098211]

Details:
On fixed cells.





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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.

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