

ELISA Assay Diluent (5X)

Catalog# / Size	421203 / 100 mL
Regulatory Status	RUO
Other Names	ELISA assay diluent, ELISA diluent
Description	ELISA Assay Diluent is a 5x concentrated phosphate buffered saline solution containing (pre-screened) bovine serum. This buffer is specifically formulated and tested for ELISA applications, such as blocking antibody-coated ELISA plate microwells, diluting ELISA standards and samples, and diluting biotinylated detection antibodies or tertiary reagents (specifically Avidin-HRP or Streptavidin-HRP). The diluent contains a preservative compatible with peroxidase mediated enzyme activity.

Product Details

Storage & Handling	This solution can be stored unopened between 2°C and 8°C. After opening, it is recommended to use within 30 days or to be aliquoted and stored at -20°C (frost-free) or -70°C for long term storage. Warm ELISA reagents to room temperature (18-25°C) before use.
Application	ELISA
Recommended Usage	Prior to use, dilute the ELISA Assay Diluent (5X) in PBS, pH 7.4. PBS recipe: 8.0 g NaCl, 1.16 g Na ₂ HPO ₄ , 0.2 g KH ₂ PO ₄ , and 0.2 g KCl. Add deionized water to 1.0 L, filter through 0.2 µm filter, pH to 7.4
Application References (PubMed link indicates BioLegend citation)	1. Kianitsa K, <i>et al.</i> 2014. <i>Nucleic Acids Res.</i> 42:108. PubMed
Product Citations	1. Maizels K 2014. <i>Nucleic Acids Res.</i> 42:108. PubMed

Antigen Details

Gene ID	NA
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Related Protocols

[Sandwich ELISA Protocol](#)

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