

Mouse IgG1 ELISA Kit

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CATALOG #
AAA76925

REACTIVITY
Mouse

PRODUCT SYNONYMS

Mouse IgG1; Mouse IgG1 ELISA Kit; Mouse IgG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Mouse biological samples
Assay Type	Sandwich
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for Mouse IgG1 elisa kit	Intended Uses: The IgG1 test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring IgG1 in mouse biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use. Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the IgG1 present in samples reacts with the anti-IgG1 antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-IgG1 antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound IgG1. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IgG1 in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IgG1 in the test sample. The quantity of IgG1 in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.
Product Categories/Family for Mouse IgG1 elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	218533932
NCBI Official Full Name	IgG1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.