

Mouse Oligodendrocyte transcription factor 1 ELISA Kit | Olig1 elisa kit

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CATALOG #
AAA245291

REACTIVITY
Mouse

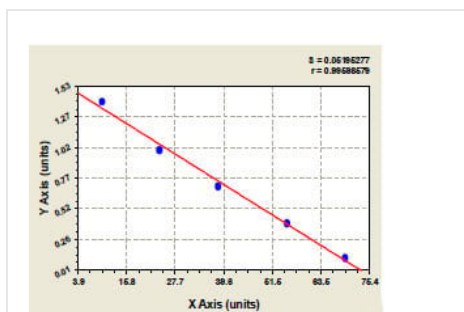
PRODUCT SYNONYMS

Oligodendrocyte transcription factor 1; Mouse Oligodendrocyte transcription factor 1 ELISA Kit; Olig1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for Olig1 elisa kit

Intended Uses: This OLIG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse OLIG1. This ELISA kit for research use only!

Principle of the Assay: OLIG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-OLIG1 antibody and an OLIG1-HRP conjugate. The assay sample and buffer are incubated together with OLIG1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the OLIG1 concentration since OLIG1 from samples and OLIG1-HRP conjugate compete for the anti-OLIG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by OLIG1 from the sample, fewer sites are left to bind OLIG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OLIG1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

237757328

NCBI GeneID	116448
NCBI Accession #	NP_620450.2
NCBI GenBank Nucleotide #	NM_138983.2
Molecular Weight	27,905 Da
NCBI Official Full Name	oligodendrocyte transcription factor 1
NCBI Official Synonym Full Names	oligodendrocyte transcription factor 1
NCBI Official Symbol	OLIG1
NCBI Official Synonym Symbols	BHLHB6; BHLHE21
NCBI Protein Information	oligodendrocyte transcription factor 1; oligo1; class B basic helix-loop-helix protein 6; class E basic helix-loop-helix protein 21; oligodendrocyte lineage transcription factor 1; basic domain, helix-loop-helix protein, class B, 6; oligodendrocyte-specific bHLH transcription factor 1
UniProt Protein Name	Oligodendrocyte transcription factor 1
UniProt Gene Name	OLIG1
UniProt Synonym Gene Names	BHLHB6; BHLHE21; Oligo1; bHLHb6; bHLHe21
UniProt Entry Name	OLIG1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/olig1-mouse-elisa-kits/oligodendrocyte-transcription-factor-1/245291>