

Rat Oligodendrocyte transcription factor 2, OLIG2 ELISA Kit | OLIG2 elisa kit

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CATALOG #
AAA123760

REACTIVITY
Rat

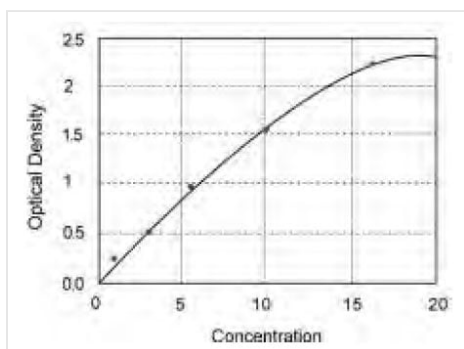
PRODUCT SYNONYMS

Oligodendrocyte transcription factor 2; OLIG2; Rat Oligodendrocyte transcription factor 2; OLIG2 ELISA Kit; OLIG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	323
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OLIG2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat OLIG2 antibody. OLIG2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat OLIG2 Antibody is added and binds to OLIG2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OLIG2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat OLIG2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Oligodendrocyte transcription factor 2 (also known as OLIG2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17978475
NCBI GeneID	10215
NCBI GenBank Nucleotide #	NP_005797.1
UniProt Accession #	Q13516
NCBI Official Full Name	oligodendrocyte transcription factor 2
NCBI Official Synonym Full Names	oligodendrocyte transcription factor 2
NCBI Official Symbol	OLIG2
NCBI Official Synonym Symbols	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
NCBI Protein Information	oligodendrocyte transcription factor 2
UniProt Protein Name	Oligodendrocyte transcription factor 2
UniProt Gene Name	OLIG2
UniProt Synonym Gene Names	BHLHB1; BHLHE19; PRKCBP2; RACK17; Oligo2; bHLHb1; bHLHe19
UniProt Entry Name	OLIG2_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.