

Human Neurogenic Differentiation 2 (NEUROD2) ELISA Kit | NEUROD2 elisa kit

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CATALOG #
AAA42727

REACTIVITY
Human

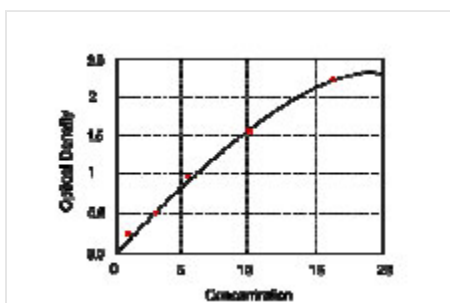
PRODUCT SYNONYMS

Neurogenic Differentiation 2 (NEUROD2); Human Neurogenic Differentiation 2 (NEUROD2) ELISA Kit; NEUROD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	382
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-15ng/ml
Sensitivity	0.021ng/ml
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 NEUROD2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Neurogenic differentiation factor 2 (also known as NEUROD2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NEUROD2 antibody. NEUROD2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NEUROD2 Antibody is added and binds to NEUROD2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NEUROD2 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 Human NEUROD2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	98986461
NCBI GeneID	4761
NCBI Accession #	NP_006151.3
NCBI GenBank Nucleotide #	NM_006160.3
UniProt Accession #	Q15784; Q8TBI7; Q9UQC6
Molecular Weight	41,361 Da
NCBI Official Full Name	neurogenic differentiation factor 2
NCBI Official Synonym Full Names	neuronal differentiation 2
NCBI Official Symbol	NEUROD2
NCBI Official Synonym Symbols	NDRF; bHLHa1
NCBI Protein Information	neurogenic differentiation factor 2
UniProt Protein Name	Neurogenic differentiation factor 2
UniProt Gene Name	NEUROD2
UniProt Synonym Gene Names	BHLHA1; NDRF; NeuroD2; bHLHa1; NDRF

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/human-elisa-kits/neurogenic-differentiation-2-neurod2/42727>