

Mouse N-myc Downstream Regulated Gene 2 (NDRG2) ELISA Kit | NDRG2 elisa kit

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CATALOG #
AAA68614

REACTIVITY
Mouse

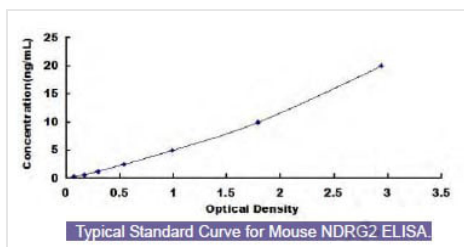
PRODUCT SYNONYMS

N-myc Downstream Regulated Gene 2 (NDRG2); Mouse N-myc Downstream Regulated Gene 2 (NDRG2) ELISA Kit; SYLD; N-myc downstream-regulated gene 2 protein; NDRG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NDRG2. No significant cross-reactivity or interference between NDRG2 and analogues was observed.
Sequence Length	357
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.132ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NDRG2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NDRG2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NDRG2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NDRG2 in mouse tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NDRG2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NDRG2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NDRG2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of NDRG2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543196
NCBI GeneID	29811
NCBI Accession #	NP_001139431.1
NCBI GenBank Nucleotide #	NM_001145959.1
UniProt Accession #	Q9QYGO; Q3TI48; Q3TY42; Q3U3T5; Q69ZN2; Q8C661
Molecular Weight	39,281 Da
NCBI Official Full Name	protein NDRG2 isoform 2
NCBI Official Synonym Full Names	N-myc downstream regulated gene 2
NCBI Official Symbol	Ndrg2
NCBI Official Synonym Symbols	Ndr2; SYLD; AI182517; AU040374
NCBI Protein Information	protein NDRG2
UniProt Protein Name	Protein NDRG2
UniProt Gene Name	Ndrg2
UniProt Synonym Gene Names	Kiaa1248; Ndr2

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/mouse-elisa-kits/n-myc-downstream-regulated-gene-2-ndrg2/68614>