

Human Protein NDRG1 ELISA Kit | NDRG1 elisa kit

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CATALOG #
AAA98066

REACTIVITY
Human

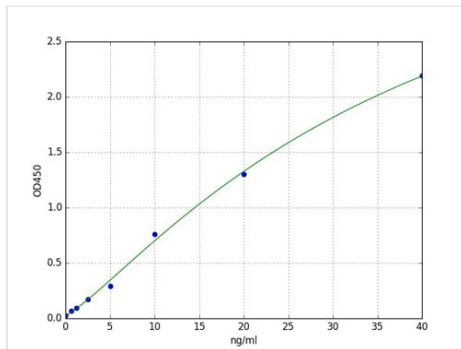
PRODUCT SYNONYMS

Protein NDRG1; Human Protein NDRG1 ELISA Kit; NDRG1/Protein NDRG1/Rit42/Reducing agents and tunicamycin-responsive protein/RTP/Nickel-specific induction protein Cap43/Differentiation-related gene 1 protein/DRG-1/N-myc downstream-regulated gene 1 protein/CAP43/DRG1/GC4/NDR1/NMSL/TDD5/CMT4D/HMSNL/RIT42/TARG1/PROXY1/tunicamycin-responsive protein; NDRG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	313
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a NDRG1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.020	0.189	0.336	0.625	1.050	1.577	2.065	2.335

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NDRG1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-NDRG1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-NDRG1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the NDRG1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of NDRG1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386643034
NCBI GeneID	10397
NCBI Accession #	NP_001245362.1
NCBI GenBank Nucleotide #	NM_001258433.1
Molecular Weight	33,650 Da
NCBI Official Full Name	protein NDRG1 isoform 3
NCBI Official Synonym Full Names	N-myc downstream regulated 1
NCBI Official Symbol	NDRG1
NCBI Official Synonym Symbols	GC4; RTP; DRG1; NDR1; NMSL; TDD5; CAP43; CMT4D; DRG-1; HMSNL; RIT42; TARG1; PROXY1
NCBI Protein Information	protein NDRG1
UniProt Protein Name	Protein NDRG1
UniProt Gene Name	NDRG1
UniProt Synonym Gene Names	CAP43; DRG1; RTP; DRG-1; RTP
UniProt Entry Name	NDRG1_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/human-elisa-kits/protein-ndrg1/98066>