

Human WDR4 (WD repeat-containing protein 4) ELISA Kit | WDR4 elisa kit

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CATALOG #
AAA250660

REACTIVITY
Human

PRODUCT SYNONYMS

WDR4 (WD repeat-containing protein 4); Human WDR4 (WD repeat-containing protein 4) ELISA Kit; WD repeat-containing protein 4; WDR4; Protein Wuho homolog(hWH); WDR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WDR4. No significant cross-reactivity or interference between WDR4 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for WDR4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386781221
NCBI GeneID	10785
NCBI Accession #	NP_001247403
NCBI GenBank Nucleotide #	NM_018669
UniProt Accession #	P57081; Q9BVM5; Q9HCR3; A8KA58; B2RCA3; B4DNQ7; D3DSK3
Molecular Weight	29,946 Da
NCBI Official Full Name	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4 isoform 2

NCBI Official Synonym Full Names	WD repeat domain 4
NCBI Official Symbol	WDR4
NCBI Official Synonym Symbols	TRM82; TRMT82
NCBI Protein Information	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4; tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4; TRM82 tRNA methyltransferase 82 homolog; WD repeat-containing protein 4; tRNA (guanine-N(7)-)-methyltransferase subunit W
UniProt Protein Name	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4
UniProt Gene Name	WDR4
UniProt Entry Name	WDR4_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://www.aaabiotech.com/human-elisa-kits/wdr4-wd-repeat-containing-protein-4/250660>