

Human Exosome Component 2 (EXOSC2) ELISA Kit | EXOSC2 elisa kit

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CATALOG #
AAA67382

REACTIVITY
Human

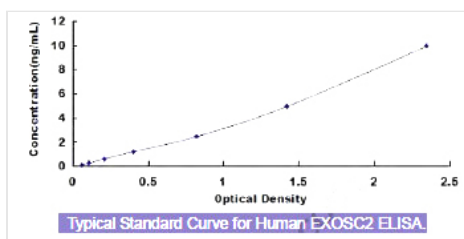
PRODUCT SYNONYMS

Exosome Component 2 (EXOSC2); Human Exosome Component 2 (EXOSC2) ELISA Kit; EXOSC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EXOSC2. No significant cross-reactivity or interference between EXOSC2 and analogues was observed.
Sequence Length	267
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EXOSC2 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 EXOSC2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EXOSC2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EXOSC2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EXOSC2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EXOSC2. 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 EXOSC2, 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 EXOSC2 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 #	544185998
NCBI GeneID	23404
NCBI Accession #	NP_001269637.1
NCBI GenBank Nucleotide #	NM_001282708.1
UniProt Accession #	Q13868; Q9NUY4; A3KFL3; A3KFL4; B4DKK6
Molecular Weight	29,408 Da
NCBI Official Full Name	exosome complex component RRP4 isoform 2
NCBI Official Synonym Full Names	exosome component 2
NCBI Official Symbol	EXOSC2
NCBI Official Synonym Symbols	p7; RRP4; Rrp4p; hRrp4p
NCBI Protein Information	exosome complex component RRP4
UniProt Protein Name	Exosome complex component RRP4
UniProt Gene Name	EXOSC2
UniProt Synonym Gene Names	RRP4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/exosome-component-2-exosc2/67382>