

Human Endoglin (ENG) RTU ELISA Kit | ENG rtu elisa kit

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CATALOG #
AAA70414

REACTIVITY
Human

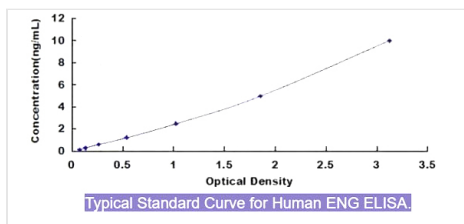
PRODUCT SYNONYMS

Endoglin (ENG); Human Endoglin (ENG) ELISA Kit; CD105; END; HHT1; ORW; ORW1; Osler-Rendu-Weber Syndrome 1; ENG rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ENG. No significant cross-reactivity or interference between ENG and analogues was observed.
Sequence Length	625
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ENG 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 ENG were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENG rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ENG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ENG. 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 ENG, 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 ENG in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ENG in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
NCBI GenBank Nucleotide #	NM_000118.3
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	67,542 Da
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; HHT1; ORW1
NCBI Protein Information	endoglin
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END

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-rtu-elisa-kits/endoglin-eng/70414>