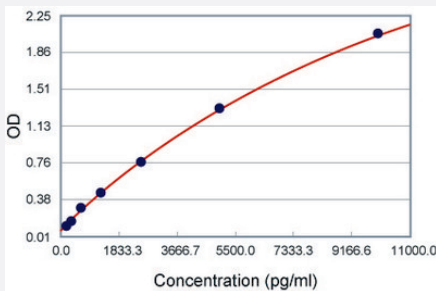


ENG (Human) ELISA Kit

Catalog # KA0442 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	ENG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ENG.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — ENG

Entrez GeneID [2022](#)

Gene Name ENG

Gene Alias CD105, END, FLJ41744, HHT1, ORW, ORW1

Gene Description endoglin

Omim ID [131195](#) [187300](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds TGFB1 and TGFB3 with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations CD105 antigen|OTTHUMP00000022221|Osler-Rendu-Weber syndrome 1

Publication Reference

- [Endoglin promotes endothelial cell proliferation and TGF-beta/ALK1 signal transduction.](#)

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- [Expression of endoglin in choroidal neovascularization.](#)

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- [Cloning of the promoter region of human endoglin, the target gene for hereditary hemorrhagic telangiectasia type 1.](#)

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Disease

- [Aneurysm](#)
- [Arteriovenous Malformations](#)
- [Cardiovascular Diseases](#)
- [Central Nervous System Vascular Malformations](#)
- [Chromosome Aberrations](#)
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- [Intracranial Aneurysm](#)
- [Intracranial Arteriovenous Malformations](#)
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