

# Product Datasheet

## Human Endoglin/CD105 ELISA Kit (Colorimetric) KA0442

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 6/27/2023 v.20.1

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**KA0442****Human Endoglin/CD105 ELISA Kit (Colorimetric)****Product Information**

<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

**Product Description**

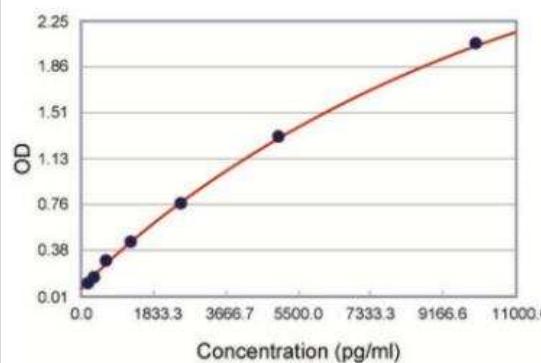
<b>Description</b>	Quality control test: Standard curve. ENG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ENG.
<b>Gene ID</b>	2022
<b>Gene Symbol</b>	ENG
<b>Species</b>	Human
<b>Kit Components</b>	Lyophilized recombinant human CD105 standard: 10ng/tube×2., One 96-well plate precoated with anti- human CD105 antibody., Sample diluent buffer: 30 ml, Biotinylated anti- human CD105 antibody: 130µl, dilution 1:100., Antibody diluent buffer: 12ml., Avidin-Biotin-Peroxidase Complex (ABC): 130µl, dilution 1:100., ABC diluent buffer: 12ml., TMB color developing agent: 10ml., TMB stop solution: 10ml.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	156 to 10000 pg/mL
<b>Sensitivity</b>	<15 pg/mL
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
<b>Sample Volume</b>	100 uL

**Product Application Details**

<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification
<b>Application Notes</b>	Useful for quantification.

**Images**

ELISA: Human Endoglin/CD105 ELISA Kit [KA0442] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



## Publications

Rius C, Smith JD, Almendro N et al. Cloning of the promoter region of human endoglin, the target gene for hereditary hemorrhagic telangiectasia type 1. *Blood*. 1998-12-15 [PMID: 9845534]

Lebrin F, Goumans MJ, Jonker L et al. Endoglin promotes endothelial cell proliferation and TGF-beta/ALK1 signal transduction. *EMBO J*. 2004-10-13 [PMID: 15385967]

Grisanti S, Canbek S, Kaiserling E et al. Expression of endoglin in choroidal neovascularization. *Exp Eye Res*. 2004-02-01 [PMID: 14729353]



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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