

Human Endoglin / CD105 ELISA Kit | CD105 elisa kit

Endoglin / CD105 Human ELISA Kit

CATALOG # AAA59018	REACTIVITY Human	APPLICATIONS ELISA
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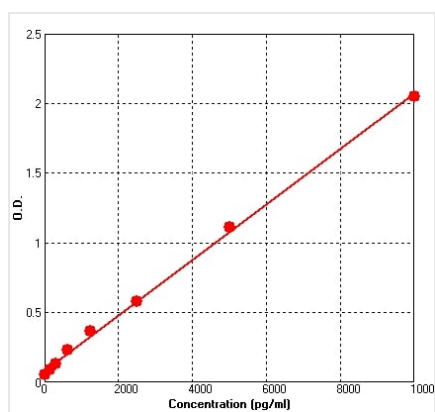
PRODUCT SYNONYMS

Endoglin / CD105; Endoglin / CD105 Human ELISA Kit; Human Endoglin / CD105; CD105 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	156 pg/ml-10,000 pg/ml
Sensitivity	< 15pg/ml
Applicable Applications for CD105 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD105 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CD105 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CD105 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex 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 CD105 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD105 can be calculated. Background: Endoglin (CD105) is a cell surface component of the transforming growth factor-beta (TGF-beta) receptor complex highly expressed by endothelial cells. It may be involved in the binding of TGF-beta1, TGF-beta3, activin-A, BMP-2, and BMP-7. Mutations in the endoglin gene are responsible for the hereditary hemorrhagic telangiectasia type 1 (HHT1), also known as Osler-Weber-Rendu syndrome. This gene also plays an important role in cardiovascular development and vascular remodeling. Endoglin levels have been found to be elevated in pregnant women who subsequently develop preeclampsia.
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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://stage.aaabiotech.com/human-elisa-kits/endoglin-cd105/59018>