

Bovine Endoglin /CD105 ELISA Kit | Endoglin /CD105 elisa kit

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CATALOG # AAA97556	REACTIVITY Bovine
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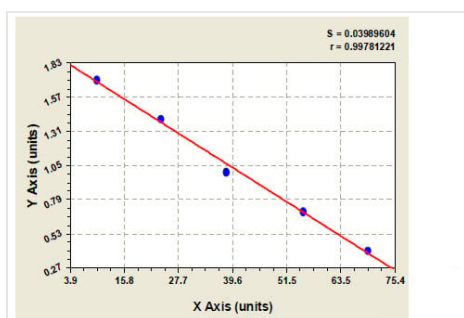
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Endoglin /CD105 elisa kit	Intended Uses: This ENG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ENG. This ELISA kit for research use only! Principle of the Assay ENG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ENG antibody and an ENG-HRP conjugate. The assay sample and buffer are incubated together with ENG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ENG concentration since ENG from samples and ENG-HRP conjugate compete for the anti-ENG antibody binding site. Since the number of sites is limited, as more sites are occupied by ENG from the sample, fewer sites are left to bind ENG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Endoglin /CD105 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	497240517
NCBI GeneID	2022
NCBI Accession #	NP_001265067.1
NCBI GenBank Nucleotide #	NM_001278138.1
Molecular Weight	67,542 Da
NCBI Official Full Name	endoglin isoform 3
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; HHT1; ORW1
NCBI Protein Information	endoglin; CD105 antigen
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

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/bovine-ovine-elisa-kits/endoglin-cd105/97556>