

Pig Erythropoietin ELISA Kit | EPO elisa kit

Pig Erythropoietin ELISA Kit

CATALOG #
AAA192490

REACTIVITY
Pig

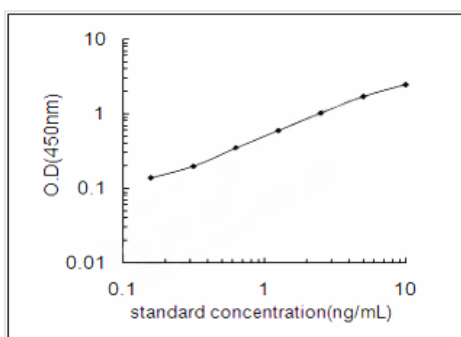
PRODUCT SYNONYMS

Erythropoietin; Pig Erythropoietin ELISA Kit; EPO; EPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Erythropoietin. No significant cross-reactivity or interference was observed.
Sequence Length	194
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPO elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig Erythropoietin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Erythropoietin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Erythropoietin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Erythropoietin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Erythropoietin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742715
NCBI GeneID	397249
NCBI Accession #	NP_999299.1
NCBI GenBank Nucleotide #	NM_214134.1
UniProt Accession #	P49157; Q9MYM8
Molecular Weight	21,304 Da
NCBI Official Full Name	erythropoietin
NCBI Official Symbol	EPO
NCBI Protein Information	erythropoietin
UniProt Protein Name	Erythropoietin
UniProt Gene Name	EPO
UniProt Entry Name	EPO_PIG

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://www.aaabiotech.com/epo-pig-elisa-kits/erythropoietin/192490>