

Rat erythropoietin ELISA Kit | EPO elisa kit

Rat Erythropoietin, EPO ELISA Kit

CATALOG #
AAA15509

REACTIVITY
Rat

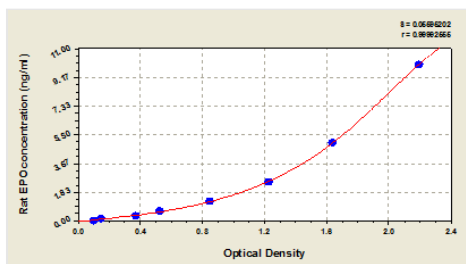
PRODUCT SYNONYMS

erythropoietin; Rat Erythropoietin; EPO ELISA Kit; EP; MGC138142; MVCD2; epoetin; EPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat EPO. No significant cross-reactivity or interference between rat EPO and analogues was observed.
Sequence Length	195
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPO elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EPO has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EPO present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EPO is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of EPO bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722603
NCBI GeneID	100008786
NCBI Accession #	NP_001075559.1
NCBI GenBank Nucleotide #	NM_001082090.1
UniProt Accession #	Q9GKA2; Q9GKA3
Molecular Weight	21,054 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_RABIT

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/epo-rat-elisa-kits/erythropoietin/15509>