

Dog erythropoietin ELISA Kit | EPO elisa kit

Dog Erythropoietin, EPO ELISA Kit

CATALOG #
AAA15024

REACTIVITY
Dog

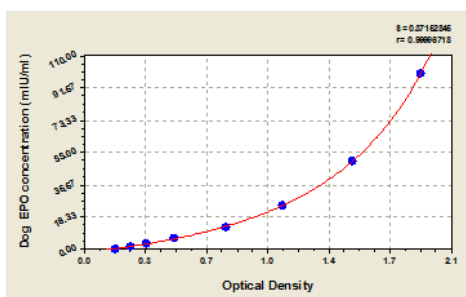
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog erythropoietin. No significant cross-reactivity or interference between dog erythropoietin and analogues was observed.
Sequence Length	206
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 mIU/ml-100 mIU/ml
Sensitivity	< 0.39 mIU/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 erythropoietin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any erythropoietin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for erythropoietin 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 erythropoietin bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792750
NCBI GeneID	404002
NCBI Accession #	NP_001006647.1
NCBI GenBank Nucleotide #	NM_001006646.1
UniProt Accession #	P33707; Q6PWU5
Molecular Weight	22,666 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_CANFA

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.