

Rat Bisphosphoglycee mutase (BPGM) ELISA Kit | BPGM elisa kit

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CATALOG #
AAA27210

REACTIVITY
Rat

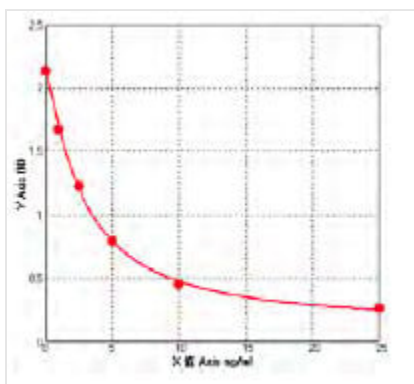
PRODUCT SYNONYMS

Bisphosphoglycee mutase (BPGM); Rat Bisphosphoglycee mutase (BPGM) ELISA Kit; BPGM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPGM elisa kit

Intended Uses: This BP180-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BP180-Ab. This ELISA kit for research use only!

Principle of the Assay: BP180-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a BP180 antigen and an BP180-Ab-HRP conjugate. The assay sample and buffer are incubated together with BP180-Ab-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 BP180-Ab concentration since BP180-Ab from samples and BP180-Ab-HRP conjugate compete for the BP180 antigen binding site. Since the number of sites is limited, as more sites are occupied by BP180-Ab from the sample, fewer sites are left to bind BP180-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BP180-Ab concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	641386940
NCBI GeneID	669
NCBI Accession #	NP_001280014.1
NCBI GenBank Nucleotide #	NM_001293085.1
Molecular Weight	30,005 Da
NCBI Official Full Name	bisphosphoglycerate mutase
NCBI Official Synonym Full Names	2,3-bisphosphoglycerate mutase
NCBI Official Symbol	BPGM
NCBI Official Synonym Symbols	DPGM
NCBI Protein Information	bisphosphoglycerate mutase; BPG-dependent PGAM; 2,3-diphosphoglycerate mutase; 2,3-bisphosphoglycerate synthase; erythrocyte 2,3-bisphosphoglycerate mutase; 2,3-bisphosphoglycerate mutase, erythrocyte
UniProt Protein Name	Bisphosphoglycerate mutase
UniProt Gene Name	BPGM
UniProt Synonym Gene Names	BPGM; DPGM
UniProt Entry Name	PMGE_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/bisphosphoglycee-mutase-bpgm/27210>