

Rat Nicotinamide Phosphoribosyltransferase (NAMPT) ELISA Kit | NAMPT elisa kit

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CATALOG #
AAA31480

REACTIVITY
Rat

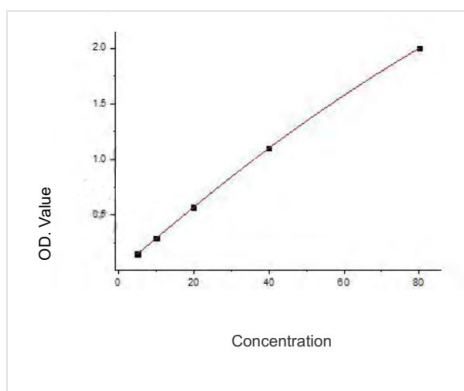
PRODUCT SYNONYMS

Nicotinamide Phosphoribosyltransferase (NAMPT); Rat Nicotinamide Phosphoribosyltransferase (NAMPT) ELISA Kit; 1110035O14Rik; DKFZp666B131; MGC117256; PBEF; PBEF1; VF; VISFATIN; NAMPRtase; pre-B cell-enhancing factor; pre-B-cell colony enhancing factor 1; NAMPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Nicotinamide phosphoribosyltransferase (NAMPT) ELISA Kit has high sensitivity and excellent specificity for detection of Rat NAMPT. No significant cross-reactivity or interference between Rat NAMPT and analogues was observed.
Sequence Length	491
Assay Type	Sandwich
Samples	Rat serum, cell culture supernates and other biological fluids
Detection Range	5 ng/L - 80 ng/L
Sensitivity	< 0.5ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAMPT elisa kit	Background: Nicotinamide phosphoribosyltransferase (Nampt): a link between NAD biology, metabolism, and diseases New interest in NAD biology has recently been revived, and enzymes involved in NAD biosynthetic pathways have been identified and characterized in mammals. Principle of the Assay: Rat Nicotinamide phosphoribosyltransferase (NAMPT) ELISA Kit employs a two-site sandwich ELISA to quantitate NAMPT in samples. An antibody specific for NAMPT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAMPT present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Rat NAMPT detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of NAMPT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031977
NCBI GeneID	10135
NCBI GenBank Nucleotide #	NP_005737.1
UniProt Accession #	P43490
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	NAMPT
NCBI Official Synonym Symbols	VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	NAMPT
UniProt Synonym Gene Names	PBEF; PBEF1; NAMPRTase; Nampt; Pre-B cell-enhancing factor
UniProt Entry Name	NAMPT_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/nicotinamide-phosphoribosyltransferase-nampt/31480>