

Human prokineticin 2 ELISA Kit | PROK2 elisa kit

Human Prokineticin-2, PROK2 ELISA Kit

CATALOG #
AAA112961

REACTIVITY
Human

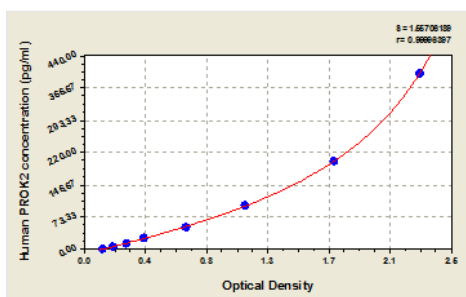
PRODUCT SYNONYMS

prokineticin 2; Human Prokineticin-2; PROK2 ELISA Kit; Human Prokineticin-2 (PROK2) ELISA kit; BV8; KAL4; MIT1; PK2; protein Bv8 homolog; PROK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PROK2. No significant cross-reactivity or interference between human PROK2 and analogues was observed.
Sequence Length	129
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/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 PROK2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PROK2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PROK2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PROK2 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 PROK2 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 #	187167261
NCBI GeneID	60675
NCBI Accession #	NP_001119600.1
NCBI GenBank Nucleotide #	NM_001126128.1
UniProt Accession #	Q9HC23; Q53Z79; Q6ISR0
Molecular Weight	14,314 Da
NCBI Official Full Name	prokineticin-2 isoform a
NCBI Official Synonym Full Names	prokineticin 2
NCBI Official Symbol	PROK2
NCBI Official Synonym Symbols	BV8; HH4; PK2; KAL4; MIT1
NCBI Protein Information	prokineticin-2; protein Bv8 homolog
UniProt Protein Name	Prokineticin-2
UniProt Gene Name	PROK2
UniProt Synonym Gene Names	BV8; PK2
UniProt Entry Name	PROK2_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/prok2-human-elisa-kits/prokineticin-2/112961>