

Human endogenous retroviral sequence K, 6 ELISA Kit | ERVK6 elisa kit

Human HERV-K_7p22.1 provirus ancestral Env polyprotein, ERVK6 ELISA Kit

CATALOG #
AAA18275

REACTIVITY
Human

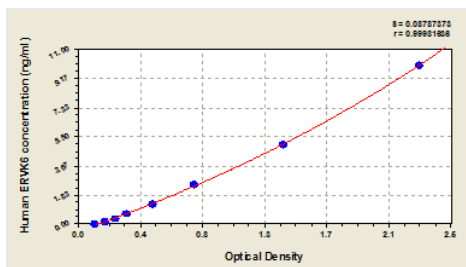
PRODUCT SYNONYMS

endogenous retroviral sequence K; 6; Human HERV-K_7p22.1 provirus ancestral Env polyprotein; ERVK6 ELISA Kit; Human HERV-K_7p22.1 provirus ancestral Env polyprotein (ERVK6) ELISA kit; HERV-K108; ; ERVK6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ERVK6. No significant cross-reactivity or interference between human ERVK6 and analogues was observed.
Sequence Length	699
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
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



ADDITIONAL INFORMATION

Related Product Information for ERVK6 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ERVK6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ERVK6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ERVK6 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 ERVK6 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 #	47605629
UniProt Accession #	Q69384; Q8TD93; Q9UBU4; Q9YNA5; Q9YNA9
Molecular Weight	79,218 Da
NCBI Official Full Name	HERV-K_7p22.1 provirus ancestral Env polyprotein
UniProt Protein Name	HERV-K_7p22.1 provirus ancestral Env polyprotein
UniProt Gene Name	ERVK6
UniProt Synonym Gene Names	SU; TM
UniProt Entry Name	ENK2_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://www.aaabiotech.com/ervk6-human-elisa-kits/endogenous-retroviral-sequence-k-6/18275>