

Human Voltage-dependent anion-selective channel protein 3 (VDAC3) ELISA Kit | VDAC3 elisa kit

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CATALOG # AAA190360	REACTIVITY Human
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PRODUCT SYNONYMS

Voltage-dependent anion-selective channel protein 3 (VDAC3); Human Voltage-dependent anion-selective channel protein 3 (VDAC3) ELISA Kit; HD-VDAC3; VDAC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human VDAC3. No significant cross-reactivity or interference between Human VDAC3 and analogues was observed.
Assay Type	Sandwich
Assay	Serum, Plasma, Other biological fluids
Analysis Method	Quantitive
Detection Wavelength	450nm
Sample Volume	1-200uL
Assay Duration	1-4.5h
Precision	Intra-assay Precision (Precision within an assay): Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Test Principle	This assay employs a two-site sandwich ELISA to quantitate VDAC3 in samples. An antibody specific for VDAC3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyVDAC3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VDAC3 is added to the wells. After washing, Streptavidin 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 VDAC3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643945
NCBI GeneID	7419
UniProt Accession #	Q9Y277; Q9UIS0
Molecular Weight	283
NCBI Official Full Name	Voltage-dependent anion-selective channel protein 3

NCBI Official Synonym Full Names	voltage-dependent anion channel 3
NCBI Official Symbol	VDAC3
NCBI Official Synonym Symbols	VDAC-3; HD-VDAC3
NCBI Protein Information	voltage-dependent anion-selective channel protein 3; outer mitochondrial membrane protein porin 3
UniProt Protein Name	Voltage-dependent anion-selective channel protein 3
UniProt Gene Name	VDAC3
UniProt Synonym Gene Names	VDAC-3; hVDAC3
UniProt Entry Name	VDAC3_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/human-elisa-kits/voltage-dependent-anion-selective-channel-protein-3-vdac3/190360>