

Human chromosome 4 open reading frame 48 ELISA Kit | C4orf48 elisa kit

Human Neuropeptide-like protein C4orf48, C4orf48 ELISA Kit

CATALOG #
AAA112541

REACTIVITY
Human

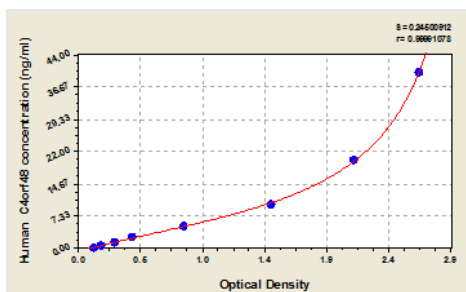
PRODUCT SYNONYMS

chromosome 4 open reading frame 48; Human Neuropeptide-like protein C4orf48; C4orf48 ELISA Kit; Human Neuropeptide-like protein C4orf48 (C4orf48) ELISA kit; CHR4_55; hypothetical protein LOC401115; C4orf48 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human C4orf48. No significant cross-reactivity or interference between Human C4orf48 and analogues was observed.
Sequence Length	95
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 C4orf48 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C4orf48 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C4orf48 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C4orf48 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 C4orf48 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 #	327478590
UniProt Accession #	Q5BLP8; B6ZDN0; B7ZBI7; B7ZBI8
Molecular Weight	10,170 Da
NCBI Official Full Name	Neuropeptide-like protein C4orf48
UniProt Protein Name	Neuropeptide-like protein C4orf48
UniProt Gene Name	C4orf48
UniProt Synonym Gene Names	Chr4_55
UniProt Entry Name	CD048_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/c4orf48-human-elisa-kits/chromosome-4-open-reading-frame-48/112541>