

Human Copeptin ELISA Kit

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CATALOG #
AAA332015

REACTIVITY
Human

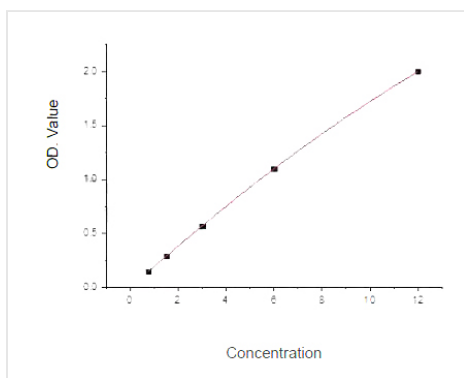
PRODUCT SYNONYMS

Copeptin; Human Copeptin ELISA Kit; Copeptin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	38
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	0.75 pmol/L - 12 pmol/L
Sensitivity	< 0.05pmol/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 Copeptin elisa kit	Background: Copeptin is a reasonable surrogate marker for AVP and measurement of copeptin is a simple method to evaluate AVP activation in patients with HF. Copeptin has been found to be an excellent marker of HF development in patients with ACS, in the risk stratification of patients with HF symptoms presenting acutely to an ED as well as an accurate marker of risk in both hospitalized and ambulatory patients with chronic HF. Principle of the Assay: Human Copeptin ELISA Kit employs a two-site sandwich ELISA to quantitate Copeptin in samples. An antibody specific for Copeptin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Copeptin present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human Copeptin 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 Copeptin 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 #	225612
NCBI Official Full Name	copeptin

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/human-elisa-kits/copeptin/332015>