

Rat Ubiquitin (Ub) ELISA Kit | Ub elisa kit

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CATALOG #
AAA330160

REACTIVITY
Rat

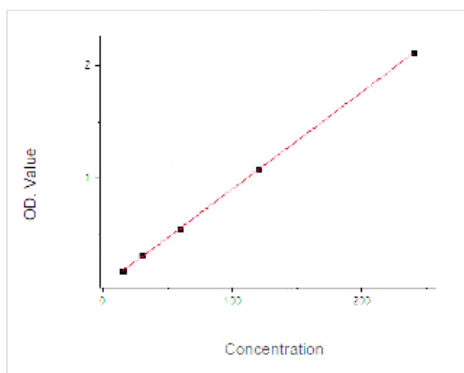
PRODUCT SYNONYMS

Ubiquitin (Ub); Rat Ubiquitin (Ub) ELISA Kit; Ub elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	128
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ub elisa kit

Principle of the Assay: Rat Ubiquitin (Ub) ELISA Kit employs a two-site sandwich ELISA to quantitate Ub in samples. An antibody specific for Ub has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Ub present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Rat Ub 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 Ub bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Ubiquitin is a small (8.6 kDa) regulatory protein found in most tissues of eukaryotic organisms. The addition of ubiquitin to a substrate protein is called ubiquitylation (or, alternatively, ubiquitination or ubiquitylation). Ubiquitylation affects proteins in many ways: it can mark them for degradation via the proteasome, alter their cellular location, affect their activity, and promote or prevent protein interactions. Ubiquitin had been isolated from thymus prior to its identification as APF-1.10 The evidence available at the time indicated that it was a universal constituent of living cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #

295039418

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/rat-elisa-kits/ubiquitin-ub/330160>