

General Melatonin ELISA Kit

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CATALOG #
AAA122841

REACTIVITY
General

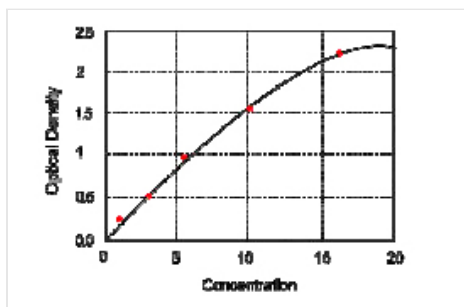
PRODUCT SYNONYMS

Melatonin; General Melatonin ELISA Kit; Melatonin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/ml-3000ng/ml
Sensitivity	7.67ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Melatonin elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of General Lipopolysaccharides (also known as LPS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with General LPS antibody. LPS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated General LPS Antibody is added and binds to LPS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LPS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of General LPS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/general-elisa-kits/melatonin/122841>