

Human Dynorphin ELISA Kit | Dyn elisa kit

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CATALOG #
AAA85496

REACTIVITY
Human

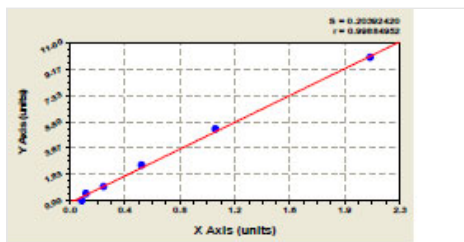
PRODUCT SYNONYMS

Dynorphin; Human Dynorphin ELISA Kit; Dyn elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for Dyn elisa kit

Intended Uses: This DYN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DYN. This ELISA kit for research use only!

Principle of the Assay: DYN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DYN. Standards or samples are then added to the microtiter plate wells and DYN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DYN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for DYN are added to each well to "sandwich" the DYN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DYN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DYN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Dyn elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	223372
NCBI Official Full Name	dynorphin

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/dyn-human-elisa-kits/dynorphin/85496>