

Human POMC (Proopiomelanocortin) ELISA Kit | POMC elisa kit

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CATALOG #
AAA270467

REACTIVITY
Human

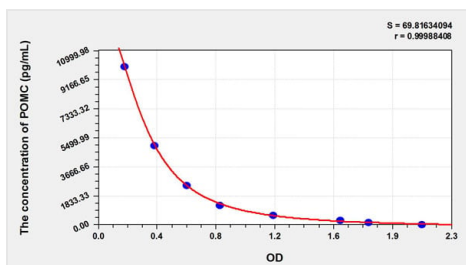
PRODUCT SYNONYMS

POMC (Proopiomelanocortin); Human POMC (Proopiomelanocortin) ELISA Kit; POC; NPP; ProOMC; ACTH; Pro-OMC; Pro Opiomelanocortin; Corticotropin-lipotropin; Corticotropin; Adrenocorticotrophic hormone; POMC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma and other biological fluids
Assay Type	Competitive
Detection Range	156.25-10000 pg/mL
Sensitivity	43.9 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POMC elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Proopiomelanocortin(POMC) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Proopiomelanocortin(POMC). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Proopiomelanocortin(POMC) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for POMC elisa kit

Endocrinology

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://www.aaabiotech.com/human-elisa-kits/pomc-proopiomelanocortin/270467>