

Human POMC (Proopiomelanocortin) ELISA Kit | POMC elisa kit

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CATALOG #
AAA270467

REACTIVITY
Human

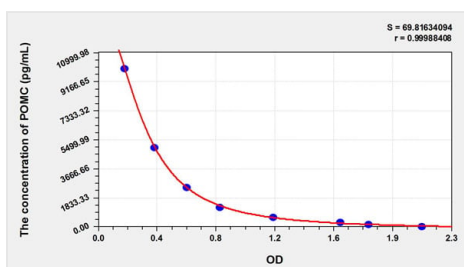
PRODUCT SYNONYMS

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