

General Tetrahydrobiopterin (THB) RTU ELISA Kit | THB rtu elisa kit

General Tetrahydrobiopterin (THB) ELISA Kit

CATALOG #
AAA219566

REACTIVITY
General

PRODUCT SYNONYMS

Tetrahydrobiopterin (THB); General Tetrahydrobiopterin (THB) ELISA Kit; BH4; THB rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for THB rtu elisa kit

Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to THB has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled THB and unlabeled THB (Standards or samples) with the pre-coated antibody specific to THB. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of THB in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of THB in the sample.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/general-rtu-elisa-kits/tetrahydrobiopterin-thb/219566>