

General Vitamin B1 Microplate Assay Kit

Vitamin B1 Microplate Assay Kit

CATALOG # AAA219753	REACTIVITY General	APPLICATIONS Functional Assay
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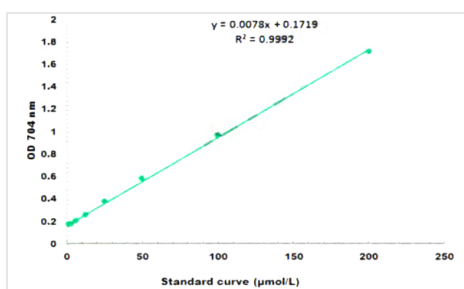
PRODUCT SYNONYMS

Vitamin B1 Microplate; Vitamin B1 Microplate Assay Kit; aneurine; thiamin; Vitamin B1 Microplate assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Tissue extracts, Cell lysate, Other biological fluids Samples
Detection Range	2 umol/L - 200 umol/L
Applicable Applications for Vitamin B1 Microplate assay kit	FA (Functional Assay)
CAS Number	70-16-6
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vitamin B1 Microplate assay kit	Principle of the Assay: Vitamin B1, also known as thiamin, is a vitamin found in food, and manufactured as a dietary supplement and medication. Food sources of thiamine include whole grains, legumes, and some meats and fish. Grain processing removes much of the thiamine content, so in many countries cereals and flours are enriched with thiamine. Supplements and medications are available to treat and prevent thiamine deficiency and disorders that result from it, including beriberi and Wernicke encephalopathy. Other uses include the treatment of maple syrup urine disease and Leigh syndrome. Vitamin B1 Microplate Assay Kit is a sensitive assay for determining Vitamin B1 content in various samples. Vitamin B1 content is determined by the prussian blue reaction. The increase in absorbance at 704 nm is directly proportional to the content. Intended Uses: Detection and Quantification of Vitamin B1 (VB1) content in Urine, Tissue extracts, Cell lysate, Other biological fluids Samples.
Product Categories/Family for Vitamin B1 Microplate assay kit	Small molecule detection kit

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/general-assay-kits/vitamin-b1-microplate/219753>