

Hydrogen sulfide (H₂S)(Direct Method) Assay Kit | H₂S assay kit

Hydrogen sulfide (H₂S) Colorimetric Assay Kit (Direct Method)

CATALOG #
AAA179664

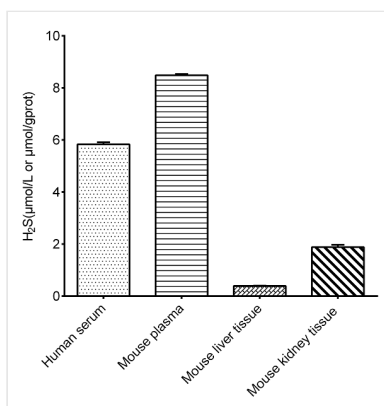
PRODUCT SYNONYMS

Hydrogen sulfide (H₂S)(Direct Method); Hydrogen sulfide (H₂S) Colorimetric Assay Kit (Direct Method); H₂S assay kit

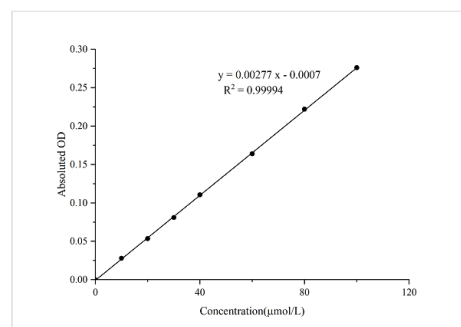
PRODUCT SPECIFICATIONS

Assay Type	Quantitative
Samples	serum, plasma, animal tissue
Detection Range	1.97-100 $\mu\text{mol/L}$
Sensitivity	1.97 $\mu\text{mol/L}$
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 4.5-7.7% Intra CV: 2.6-4.4%
Research Area	Metabolic Diseases
Test Principle	H ₂ S can be absorbed by acetate solution to form ZnS, which can form methylene blue in the presence of Fe ³⁺ and chromogenic agent. Methylene blue has a maximum absorption peak at 680 nm. H ₂ S content can be calculated indirectly by measuring the OD value at 680 nm.
Preparation and Storage	This product can be stored at 2~8 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for H₂S assay kit

Cell Metabolism Assays; Metabolic Diseases

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/assay-kits/hydrogen-sulfide-h2s-direct-method/179664>