

Hydrogen Sulfide (H₂S) Assay Kit | H₂S assay kit

Hydrogen Sulfide (H₂S) Colorimetric Assay Kit (Indirect Method)

CATALOG #
AAA22165

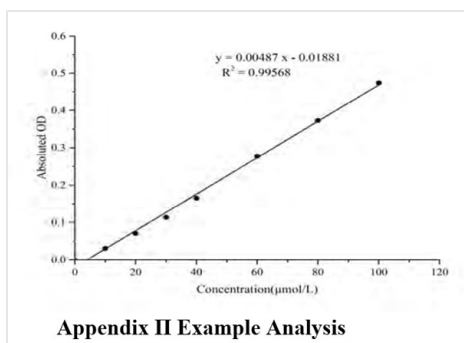
PRODUCT SYNONYMS

Hydrogen Sulfide (H₂S); Hydrogen Sulfide (H₂S) Colorimetric Assay Kit (Indirect Method); H₂S assay kit

PRODUCT SPECIFICATIONS

Specificity	48T(31 samples)/96T(79 samples)
Samples	Serum, plasma, animal tissue samples
Detection Range	4.86-100 μ mol/L
Sensitivity	2.75 μ mol/L
Intra-assay Precision	Three human serum samples were assayed in replicates of 20 to determine precision within an assay. (CV = Coefficient of Variation)
Inter-assay Precision	Three human serum samples were assayed 17 times in duplicate by three operators to determine precision between assays.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H₂S assay kit

Principle of the Assay: In the presence of Fe³⁺, H₂S reacts with the chromogenic agent to form stable methylene blue, which has a maximum absorption peak at 665nm, and the H₂S content can be calculated by measuring the OD value at 665 nm.

Intended Uses: This kit can be used to measure H₂S content in serum, plasma, animal tissue samples.

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.