

D-Xylose Assay Kit

D-Xylose assay kit (Colorimetric method)

CATALOG #
AAA22067

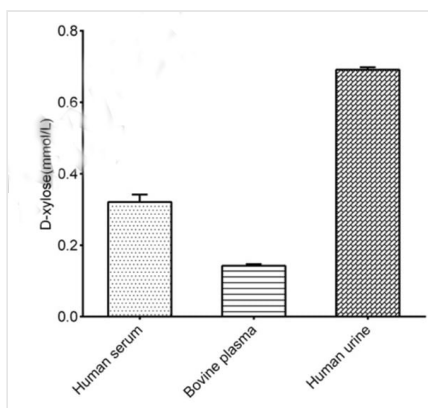
PRODUCT SYNONYMS

D-Xylose; D-Xylose assay kit (Colorimetric method); D-Xylose assay kit

PRODUCT SPECIFICATIONS

Specificity	50 Assays (24 samples)/ 100 Assays (48 samples)
Samples	Animal serum, plasma and urine samples
Detection Range	0.007-4 mmol/L
Sensitivity	0.007 mmol/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 20 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 D-Xylose assay kit

Principle of the Assay: D-xylose can produce furfural by dehydration in strong acid solution. The generated furfural reacts with Phloroglucinol to form pink compounds. The content of D-xylose can be calculated by colorimetric assay at 554 nm.

Intended Uses: This kit can be used to measure the D-xylose content in animal serum, plasma and urine 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.

