

General Alpha-Galactosidase Assay Kit | SCO0284 assay kit

Alpha-Galactosidase Microplate Assay Kit

CATALOG # AAA27831	REACTIVITY General	APPLICATIONS Functional Assay
------------------------------	------------------------------	---

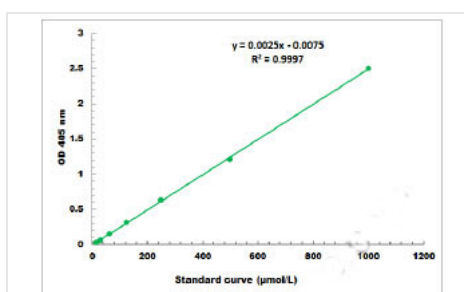
PRODUCT SYNONYMS

Alpha-Galactosidase; Alpha-Galactosidase Microplate Assay Kit; EC 3.2.1.22; Alpha-galactosidase; Melibiase; GLA; GALA; SCO0284 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	680
Applicable Applications for SCO0284 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCO0284 assay kit

Background/Introduction: Albumin-to-Creatinine Ratio (ACR) is one of the two markers used to determine chronic kidney disease (CKD). ACR is recommended to be measured on regular basis on people living with Type I and Type II diabetes. ACR is defined as the ratio between albumin (reported in mg/dl) and creatinine (reported in g/dl). This ratio estimates the amount of albumin excreted in urine during a 24 hr period. Albuminuria is identified when ACR is greater than 30 mg albumin/g creatinine. ACR Assay Kit provides a simple, sensitive, and highthroughput adaptable assay that detects albumin (detection range: 0.02-2.5 mg/ml), creatinine (detection range: 0.002-0.5 mg/ml) and Albumin-to-creatinine ratio. The ACR ratio is determined in two steps: First, albumin is determined by using a probe (AB580) that specifically recognizes albumin (Ex/Em = 600/630 nm). Second, creatinine is converted to sarcosine via enzymatic reactions. Sarcosine is specifically oxidized generating a product that reacts with a probe producing a chromophore that can be detected at 570 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21218834
NCBI GeneID	1095708
NCBI Accession #	NP_624613.1
NCBI GenBank Nucleotide #	NC_003888.3

NCBI Official Full Name	alpha-galactosidase
NCBI Official Symbol	SCO0284
NCBI Official Synonym Symbols	SCF85.12
NCBI Protein Information	alpha-galactosidase

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-assay-kits/alpha-galactosidase/27831>