

Datasheet for ABIN5510752

**Dystroglycan ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	Dystroglycan (DAG1)
Binding Specificity:	AA 30-653
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

## Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Dystroglycan
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: H30-G653
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed in a variety of fetal and adult tissues. In epidermal tissue, located to the basement membrane. Also expressed in keratinocytes and fibroblasts.

## Target Details

Target:	Dystroglycan (DAG1)
Alternative Name:	DAG1 ( <a href="#">DAG1 Products</a> )

## Target Details

Background:	<p>Protein Function: The dystroglycan complex is involved in a number of processes including laminin and basement membrane assembly, sarcolemmal stability, cell survival, peripheral nerve myelination, nodal structure, cell migration, and epithelial polarization.</p> <p>Synonyms: Dystroglycan, Dystrophin-associated glycoprotein 1, Alpha-dystroglycan, Alpha-DG, Beta-dystroglycan, Beta-DG, DAG1,</p> <p>Full Gene Name: dystroglycan 1</p> <p>Cellular Localisation: Alpha-dystroglycan: Secreted, extracellular space.</p>
UniProt:	<a href="#">Q14118</a>
Pathways:	<a href="#">Maintenance of Protein Location</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a>

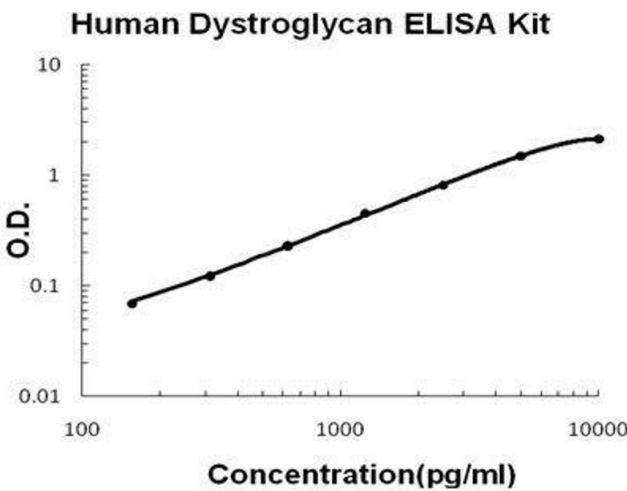
## Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months

## Images



### ELISA

**Image 1.** Human Dystroglycan PicoKine ELISA Kit standard curve