

Datasheet for ABIN2543890 **SLC11A2 ELISA Kit**



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Overview

Quantity:	96 tests
Target:	SLC11A2
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	0.312 ng/mL - 20 ng/mL
Minimum Detection Limit:	0.312 ng/mL
Application:	ELISA

Product Details

Purpose:	<p>Rat DMT1 ELISA Kit is a sandwich ELISA kit for use with Tissue homogenates, cell lysates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of Divalent Metal Transporter 1 (DMT1)</p> <p>No significant cross-reactivity or interference between Divalent Metal Transporter 1 (DMT1) and analogues was observed.</p>
Sample Type:	Cell Lysate, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of Divalent Metal Transporter 1 (DMT1)
Sensitivity:	< 0.116 ng/mL

Target Details

Target:	SLC11A2
Alternative Name:	Divalent Metal Transporter 1 (DMT1) (SLC11A2 Products)
Pathways:	Transition Metal Ion Homeostasis , Proton Transport , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	<p>Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5 % within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout. Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.</p> <p>Standard Form: Lyophilized</p>
Comment:	<p>The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p>
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Upon receipt, store the kit according to the storage instruction in the kit's manual.
Expiry Date:	6 months