

# Product Datasheet

## DNMT1 Activity/Inhibition Assay Kit (Fluorometric) KA1516

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA1516****DNMT1 Activity/Inhibition Assay Kit (Fluorometric)**

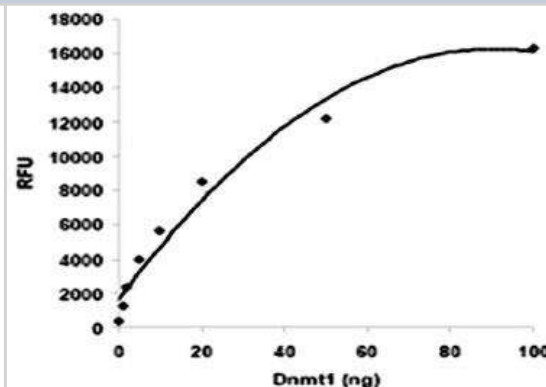
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

<b>Product Description</b>	
<b>Description</b>	Quality control test: Standard Curve DNMT Activity/Inhibition Assay Ultra Kit (Fluorometric) is use for screening DNMT inhibitors.
<b>Gene ID</b>	1786
<b>Gene Symbol</b>	DNMT1
<b>Species</b>	Mouse
<b>Kit Components</b>	MK1 (10X Wash Buffer), MK2 (DNMT Assay Buffer), MK3 (Adomet, 50X), MK4 (DNMT Enzyme Control, 50 µg/mL), MK5 (Capture Antibody, 1000 µg/mL), MK6 (Detection Antibody, 400 µg/mL), MK7 (Enhancer Solution), MK8 (Fluoro Developer), MK9 (Fluoro Enhancer), MK10 (Fluoro Dilutor), 8-Well Assay Strips (With Frame), Adhesive Covering Film
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.2 to 10 ug nuclear extract, 0.2 to 200 ng purified enzyme
<b>Sensitivity</b>	0.2 ug of nuclear extract or 0.2 ng of purified enzymes
<b>Assay Type</b>	Fluorometric
<b>Suitable Sample Type</b>	Nuclear Extract, Purified Enzyme
<b>Sample Volume</b>	1-5 uL (5 to 10 ug nuclear extract or 10 to 100 ng purified enzyme included)

<b>Product Application Details</b>	
<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional

**Images**

DNMT1 Assay Kit (Fluorometric) [KA1516] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Publications**

Kajta M, Wnuk A, Rzemieniec J et al. Triclocarban Disrupts the Epigenetic Status of Neuronal Cells and Induces AHR/CAR-Mediated Apoptosis. Mol Neurobiol 2018-08-10 [PMID: 30097849]



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### **Products Related to KA1516**

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H00001786-Q01-10ug	Recombinant Human DNMT1 GST (N-Term) Protein
AF748	E-Cadherin Antibody [Unconjugated]
NB100-56519	DNMT1 Antibody (60B1220.1) - BSA Free
NB120-13888	DNMT3A Antibody (64B1446) - BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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