## **Product Datasheet**

# Asparaginase Assay Kit (Colorimetric/Fluorometric) KA1429

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### KA1429

Asparaginase Assay Kit (Colorimetric/Fluorometric)

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Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	Quality control test: Standard Curve Asparaginase Activity Assay Kit is a colorimetric and fluorometric method for assaying the activity of asparaginase.
Gene ID	374569
Gene Symbol	ASPG
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Asparaginase Assay Buffer, OxiRed Probe (in DMSO), Substrate Mix (lyophilized), Aspartate Enzyme Mix (lyophilized), Conversion Mix (lyophilized), Positive Control (lyophilized), Aspartate Standard (100 mM)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Assay Type	Colorimetric/Fluorometric
Suitable Sample Type	Biological Samples, Cell/Tissue Lysates
Sample Volume	2-10 uL
Product Application Details	
Applications	Functional
Recommended Dilutions	Functional



10 Time (min) 20

0.3mU 0.2mU 0.1mU 0mU

30

#### **Images**

Asparaginase Assay Kit (Fluorometric) [KA1429] - The standard curve is 1.2 for the purpose of illustration only and should not be used to calculate 1 unknowns. A standard curve should be generated each time the assay is **O.D. 220nm** 0.8 0.6 0.6 performed. y = 0.1047x + 0.09320.2  $R^2 = 1$ 0 Aspartate (nmol) 10 Asparaginase Assay Kit (Fluorometric) [KA1429] - Asparaginase activity 0.5mU positive control test. 1 0.4mU O.D. 570nm



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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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