

General Aminopyrine N-demethylase Assay Kit

Aminopyrine N-demethylase Microplate Assay Kit

CATALOG # AAA261590	REACTIVITY General	APPLICATIONS Functional Assay
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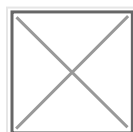
PRODUCT SYNONYMS

Aminopyrine N-demethylase; Aminopyrine N-demethylase Microplate Assay Kit; AND; Aminopyrine N-demethylase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, cell lysate samples
Detection Range	0.5 umol/L - 100 umol/L
Applicable Applications for Aminopyrine N-demethylase 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 Aminopyrine N-demethylase assay kit	Background/Introduction: Cytochrome P450 enzymes play an important role in the metabolism of exogenous substrate, especially drugs and poisons. As an important enzyme of P450 family, Aminopyrine N-demethylase (AND) is equivalent to isoform CYP3A4 and closely related to the methylation reaction of drugs. AND catalytic aminopyrine release formaldehyde, formaldehyde content was measured by colorimetry Nash, then AND activity can be calculated.
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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.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/aminopyrine-n-demethylase/261590>