

General Aniline 4-Hydroxylase Assay Kit

Aniline 4-Hydroxylase Microplate Assay Kit

CATALOG # AAA27846	REACTIVITY General	APPLICATIONS Functional Assay
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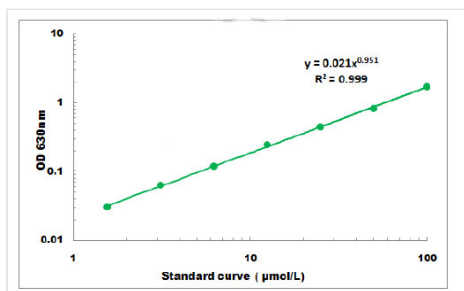
PRODUCT SYNONYMS

Aniline 4-Hydroxylase; Aniline 4-Hydroxylase Microplate Assay Kit; AH; Aniline 4-Hydroxylase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, cell lysate samples
Detection Range	1 umol/L - 100 umol/L
Applicable Applications for Aniline 4-Hydroxylase 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 Aniline 4-Hydroxylase 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, Aniline 4-Hydroxylase (AH) is equivalent to isoform CYP2E1. CYP2E1 not only participate the drug metabolism, but also catalytic the activation of variety of precarcinogens and prepoison. AH catalytic the hydroxylation of aniline, and further convert to pheno-indole compound, which has a characteristic absorption peak at 630nm; AH activity was calculate by measuring the absorbance change rate at 630nm.

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/aniline-4-hydroxylase/27846>