



11,12-EET/DHET ELISA Kit

Catalog number: EK7129

For detection of multiple analytes using one single assay.

This package insert must be read in its entirety before using this product.

For research use only. Not for use in diagnostic procedures.

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Size: 96 wells/kit

Sample Type: See datasheet for sample type details

Sensitivity: 10pg/ml

Assay Range: 10-1,000,000pg/ml

Storage: All components are stored below -20°C and should not be re-frozen and thawed more than necessary.

Introduction

It is well known that arachidonic acid (AA) will be converted to EET by P450 arachidonic acid epoxygenase (AAepoxygenase) and EET will be converted to DHET by soluble epoxide hydrolase (sEH) in vivo. Cytochrome P4502J2 (CYP2J2) is a predominant human AA epoxygenase that produces all four EETs. Our EET/DHET kit can be used to measure EET levels in cultured cells which express sEH (1).

DH5, DH15, or DH25 to be used for 11,12-EET/DHET measurement is the same kit as DH4, which is used for the measurement of 11,12-DHET. The only difference with DH5, DH15, and DH25 compared with DH4 is the sample preparation step. Instructions are provided as to the proper isolation and purification in the following pages.

Kit Components

See datasheet for kit components details

Materials Required, but Not Provided

See datasheet for other equipment and materials needed but not provided

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