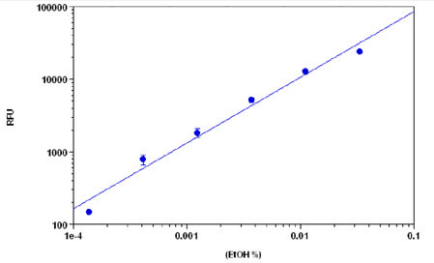
Ethanol Assay Kit

Catalog # KA4087 Size 1 Kit

Applications



Standard curve of Ethanol Assay Kit (Cat # KA4087) was measured with 96-well black plate using a Gemini fluorescence microplate reader (Molecular Devices). As low as 0.0003% of Ethanol was detected with 15 minutes incubation time (n=3). The fluorescence in blank wells (with the H_2O only) is used as a control, and is subtracted from the values for those wells with ethanol reactions. Note: The fluorescence background increases with time, thus it is important to subtract the fluorescence intensity value of the blank wells for each data point.

Specification

Product Description	Ethanol Assay Kit is used for the measurement of ethanol level.
Suitable Sample	Physiological Solutions
Sample Volume	50 uL
Excitation/ Emission (nm)	540/590 nm
Absorbance (nm)	570 nm
Detection Method	Fluorometric, Colorimetric
Instrument Platform	Microplate Reader
Regulation Status	For research use only (RUO)

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Quality Control Testing	Standard Curve Standard curve of Ethanol Assay Kit (Cat # KA4087) was measured with 96-well black plate using a Gemini fluorescence microplate reader (Molecular Devices). As low as 0.0003% of Ethanol was detected with 15 minutes incubation time (n=3). The fluorescence in blank wells (with the H_2O only) is used as a control, and is subtracted from the values for those wells with ethanol reactions. Note: The fluorescence background increases with time, thus it is important to subtract the fluorescence intensity value of the blank wells for each data point.
Storage Instruction	Store the kit in desiccated environment at -20°C and avoid from light.

Applications

- Quantification

Publication Reference

- Co-solvents in self-emulsifying drug delivery systems (SEDDS) - do they really solve our solubility problems?

  Arne Matteo Jörgensen, Julian David Friedl, Richard Wibel, Joseph Chamieh, Hervé Cottet, Andreas Bernkop-Schnürch.

  Molecular pharmaceutics 2020 Sep; 17(9):3236.

  Application: Quant

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