

Human MRP1 Vesicle Kit (HEK293 derived)

Catalog #: 0133-PP-001

Description:

Human drug efflux transporter (ABC transporters) vesicles are inside-out human embryonic kidney (HEK293) membrane vesicles prepared for high-throughput, ATP-dependent transport assays with detection by radiolabel, fluorescence, or LC-MS.

Target:

Human Multidrug Resistance-associated Protein 1 (MRP1)

Formulation & Storage: Store at -80°C

Notes & Usage Guidelines:

Protein Concentration: 1.5 mg/mL

Volume: 4x500µL

Expiration date: 2 years from the date of shipping

Unit Size: 100 reactions / kit (96-wells format)

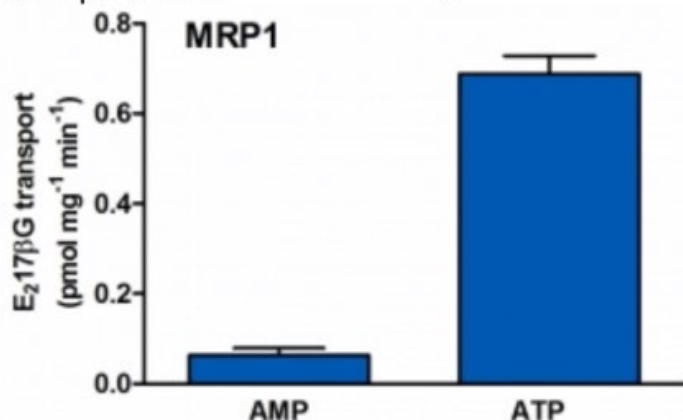
Refreeze: Snap freeze vesicles with liquid nitrogen; store at -80°C

Applications

- Vesicular transport studies, ADME

Transport ratio (ATP/AMP):

Transporter: MRP1
Substrate: E217βG
Transport ratio: > 5



Each vesicle kit contains:

- Vesicle vial (100 reactions)
- AMP (100 mM; pH 7.4)
- ATP (100 mM; pH 7.4)
- Assay buffer (2x): 500 mM Sucrose, 20 mM Tris-HEPES pH 7.4, 500 mM MgCl₂
- Stop/Wash solution (2x)

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

Related Products:

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