

Human BSEP Vesicle Kit (HEK293 derived)

Catalog #: 0130-PP-001

Description:

Human drug efflux transporter vesicles are inside-out HEK293 membrane vesicles prepared for high-throughput, ATP-dependent substrate transport assays with detection by radiolabel, fluorescence, or LC-MS.

Immunogen/ Target:

Bile Salt Export Pump (BSEP)

Formulation & Storage: Store at -80°C

Notes & Usage Guidelines:

Protein Concentration: 1.5 mg/mL

Volume: 4x500µL

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

Expiration date: 2 years from the date of shipping

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

Applications

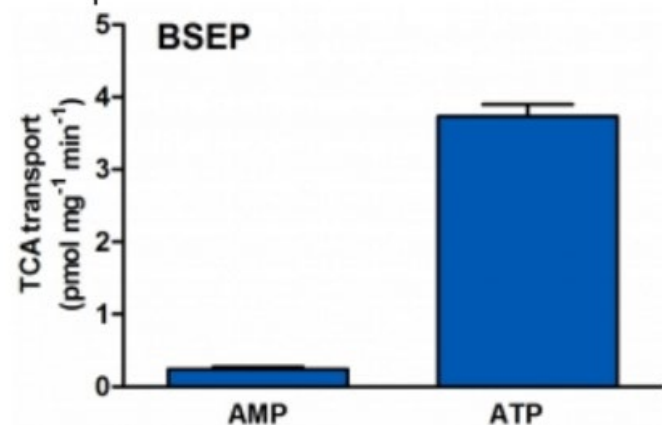
- Vesicular transport studies, ADME

Transport ratio (ATP/AMP):

Transporter: BSEP

Substrate: TCA

Transport ratio: > 10



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

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:

IBT provides a wide array of antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Intended for research use only, not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, LLC.

Copyright 2023. Integrated BioTherapeutics, LLC. All rights reserved.