

VT-HTS-MRP1-2-Sf9-LTC4 1.0 VT-nHTS-MRP1-2-Sf9-LTC4 1.0	 SOLVO Biotechnology	
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Membrane Product Data Sheet [MRP1- Sf9-VT]

Catalogue number: SB-MRP1-Sf9-VT

Description: Isolated Sf9 cell membranes, containing human MRP1

Date of production (dd.mmm.yyyy):

Expiry date (dd.mmm.yyyy): when stored at $-80\text{ }^{\circ}\text{C}$

Packaging: 1 tube containing membrane suspended in TMEP solution. (TMEP: 50 mM Tris, 50 mM mannitol, 2 mM EGTA, 8 $\mu\text{g/ml}$ aprotinin, 10 $\mu\text{g/ml}$ leupeptin, 50 $\mu\text{g/ml}$ PMSF, 2 mM DTT, pH 7.0.)

Total volume:

Protein concentration:

Total protein:

	Normal range:	Specific activity:
ATP dependent $^3\text{H-LTC}_4$ transport pmol/mg/min]	<input type="text" value="10-25"/>	<input type="text"/>

Intended use:

Methods:

Protein concentrations were determined using the BCA assay. ATP dependent $^3\text{H-LTC}_4$ transport was determined as described in the assay protocol (drug free control).

Storage and handling:

- Store at $-80\text{ }^{\circ}\text{C}$.
- Thaw membranes in a water bath at $25\text{ }^{\circ}\text{C}$, then store on ice until use.
- The vesicular structure of the membrane preparation might be destroyed upon freezing and thawing. If you are using a membrane stock that has been thawed and frozen always include membrane validation in your assay (drug free control – see assay protocol for details).

Note: We strongly recommend using SB-defMRP-Sf9-CTRL as a transporter negative control.

Validated by:

Date: