

# Data sheet

## Human MDR1/PgP

Product ID: MDR1  
 Product Name: Human MDR1 vesicle kit (HEK293 derived)  
 Lot Number: ...

### Vesicle vial Info:

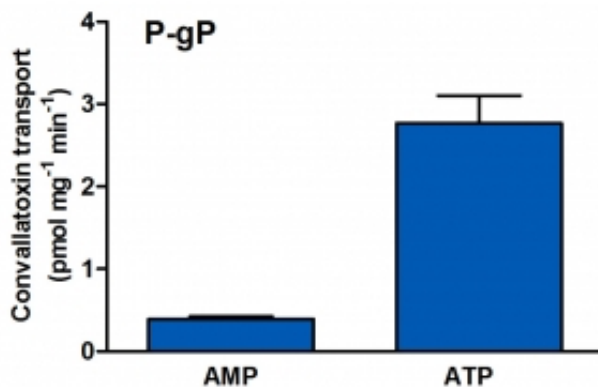
Protein concentration: 1.5 mg/mL  
 Volume: 500  $\mu$ l  
 Number of assays: 100  
 Expiration date: Two years from the date of shipping  
 Vesicle solution: 250 mM Sucrose, 10 mM Tris-HEPES, pH 7.4  
 Storage recommendation: -80  $^{\circ}$ C  
 Refreeze: Snap freeze vesicles with liquid nitrogen store at -80  $^{\circ}$ C

### Product description:

This kit contains Human Embryonic Kidney (HEK293) cell derived membranes expressing human MDR1/PgP and reagents to perform Vesicular Transport Assays. It enables to perform substrate determination, inhibition studies and several kinetic studies.

### Transport ratio (ATP/AMP):

Transporter: PgP  
 Substrate: Fluo-PgP, NMQ or Convallatoxin  
 Transport ratio: > 5



### Other kit content:

Cell4Pharma Stop/Wash buffer (2x)  
 Cell4Pharma assay buffer (2x): 500 mM Sucrose, 20 mM Tris-HEPES pH 7.4  
 MgCl<sub>2</sub>, 500 mM  
 AMP, 100 mM pH 7.4  
 ATP, 100 mM pH 7.4

Expiration date: Two years from date of shipping  
 Storage recommendation : -20  $^{\circ}$ C