

PRODUCT INFORMATION SHEET

Human UGT2B4

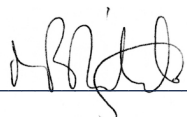
Catalogue Number: CYP211
Product Description: Sf9 insect cell microsomes containing recombinant human UGT2B4
Amount: 2.5 mg protein (0.5 ml)
Storage Buffer: 25 mM Tris-acetate (pH 7.6), 10% (v/v) glycerol, 1 mM EDTA
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.
Intended Use: For laboratory (research) purposes only.

Batch Number: INT070E14B
Protein Concentration: 5 mg/ml

¹UGT Activity Data

Substrate: 4-methylumbelliferone
²Linear with time up to: 40 min
³Linear with protein up to: 600 µg/ml
V_{max}: 116 pmol/min/mg protein
K_m: 368 µM

Approved by _____



Date 11th December 2023

Notes

¹Unless otherwise stated, all assays are performed at 37°C in 100 mM Tris-HCl (pH 7.5) containing 5 mM magnesium chloride and 2 mM UDPGA. Alamethicin (10 µg/ml final concentration) is added to kinetics tests only.

²Determined at 200 µM substrate, using a protein concentration of 1000 µg/ml.

³Determined at 200 µM substrate, using an incubation time of 30 min.

Safety Data

The toxicological properties of this reagent have not been investigated. Exercise due care when handling. This product is being sold for research purposes only.