

PRODUCT INFORMATION SHEET

Human UGT2B10

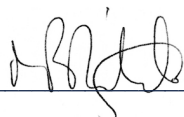
Catalogue Number: CYP212
Product Description: Sf9 insect cell microsomes containing recombinant human UGT2B10
Amount: 2.5 mg protein (0.5 ml)
Storage Buffer: 25 mM Tris-acetate (pH 7.6), 10% (v/v) glycerol, 1 mM EDTA
Storage: Store at -80°C . Avoid frequent temperature changes. Thaw on ice.
Intended Use: For laboratory (research) purposes only.

Batch Number: U2B10_001
Protein Concentration: 5 mg/ml

¹UGT Activity Data

Substrate: Amitriptyline (N-glucuronide formation)
²Linear with time up to: 60 min
³Linear with protein up to: 625 $\mu\text{g/ml}$
 V_{max} : 1.9 pmol/min/mg protein
 K_{m} : 3.5 μM

Approved by _____



Date 19th 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 is not used for this enzyme/substrate combination.

²Determined at 50 μM substrate, using a protein concentration of 500 $\mu\text{g/ml}$.

³Determined at 50 μM substrate, using an incubation time of 60 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.