



Product Information Sheet

Human UGT1A6 Bactosomes

Catalogue Number: CYP200
Product Description: Human UGT1A6 expressed in *Escherichia coli*
Amount: 5 mg protein
Storage Buffer: 50 mM Tris-acetate (pH 7.6), 250 mM sucrose, 0.25 mM EDTA
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.
Intended Use: For laboratory (research) purposes only.

Batch Number: INT020E20A
Protein Concentration: 8.9 mg/ml

¹UGT Activity Data

Substrate: 1-naphthol
²Linear with time up to: 15 min
³Linear with protein up to: 150 µg/ml
 V_{max} : 1.8 pmol/min/µg protein
⁴ K_m : 108 µM

Approved by _____

Date 25th July, 2003

Notes:

- ¹Unless otherwise stated, all assays are carried out at 37°C in 50 mM potassium phosphate buffer (pH 7.4) containing 10 mM magnesium chloride, 5 mM saccharolactone, and 2 mM UDPGA
- ²Determined at 75 µM substrate, using a protein concentration of 100 µg/ml.
- ³Determined at 75 µM substrate, using an incubation time of 5 min.
- ⁴ K_m for UDPGA is approximately 0.3-0.4 mM.

Safety Data

The toxicological properties of this reagent have not been investigated. Exercise due care when handling.

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United States Patent Nos. 4,952,496, 5,693,489 and 5,869,320.