



Product Information Sheet

Human UGT1A9

Catalogue Number: CYP205
Product Description: Sf9 insect cell microsomes containing recombinant human UGT1A9
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: INT070E5A
Protein Concentration: 5 mg/ml

¹UGT Activity Data

Substrate: 4-methylumbelliferone
²Linear with time up to: 15 min
³Linear with protein up to: 50 µg/ml
V_{max}: 7129 pmol/min/mg protein
K_m: 5.4 µM

Approved by _____

Date 26th July, 2019 _____

Notes:

- ¹Unless otherwise stated, all assays are carried out 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 4 µM substrate, using a protein concentration of 25 µg/ml.
³Determined at 4 µM substrate, using an incubation time of 5 min.

Safety Data

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

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