



Product Information Sheet

Human SULT1A1*2

Catalogue Number: CYP105
Product Description: *Escherichia coli* cytosolic fraction containing human SULT1A1*2
Amount: 1 mg protein
Storage Buffer: 10 mM sodium phosphate (pH 7.4), 140 mM NaCl
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.
Intended Use: For laboratory (research) purposes only.

Batch Number: INT044E3A
Protein Concentration: 10 mg/ml

¹SULT Activity Data

Substrate: 4-methylumbelliferone
²Linear with time up to: 12 min
³Linear with protein up to: 20 µg/ml
V_{max}: 11 nmol/min/mg protein
K_m: 3.1 µM

Approved by _____

Date 3rd March, 2017 _____

Notes:

- ¹Unless otherwise stated, all assays are carried out at 37°C in 50 mM potassium phosphate buffer (pH 7.4) containing 5 mM magnesium chloride, 10 mM dithiothreitol, and 20 µM PAPS.
²Determined at 2 µM substrate, using a protein concentration of 5 µg/ml.
³Determined at 2 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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United States Patent Nos. 4,952,496, 5,693,489 and 5,869,320.