



Product Information Sheet

Human SULT1A3

Catalogue Number: CYP101
Product Description: Human SULT1A3 expressed in *Escherichia coli*
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: S1A3001A
Protein Concentration: 10 mg/ml

¹SULT Activity Data

Substrate: 1-naphthol
²Linear with time up to: 8 min
³Linear with protein up to: 50 µg/ml
 V_{max} : 30 nmol/min/mg protein
 K_m : 7.7 µM

Approved by _____

Date 11th June, 2003

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 5 µM substrate, using a protein concentration of 20 µg/ml.

³Determined at 5 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.