



Product Information Sheet

Human Reductase Bactosomes

Catalogue Number: CYP004
Product Description: Human NADPH-CYP reductase expressed in *Escherichia coli*
Amount: 4 nmol NADPH-CYP reductase
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: RED003
¹NADPH-CYP Reductase Concentration: 9.7 nmol/ml
Protein Concentration: 12.8 mg/ml
Cytochrome c Reductase Activity: 29200 nmol/min/ml
Specific Cytochrome c Reductase Activity: 2281 nmol/min/mg protein

Approved by _____

Date 26th April, 2005

Note:

¹NADPH-CYP reductase concentration is estimated from the cytochrome c reductase activity. This calculation assumes that 1 nmol of purified NADPH-CYP reductase catalyses the reduction of 3,000 nmol cytochrome c per min.

Safety Data

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

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