



## 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: RED005  
<sup>1</sup>NADPH-CYP Reductase Concentration: 8.1 nmol/ml  
Protein Concentration: 18.8 mg/ml  
Cytochrome c Reductase Activity: 24300 nmol/min/ml  
Specific Cytochrome c Reductase Activity: 1293 nmol/min/mg protein

Approved by

Date 26<sup>th</sup> October, 2015

#### Note:

<sup>1</sup>NADPH-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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