

Product Specification Sheet

Description: CypExpress™ 1A2
Product Number: CE1A2.1
Aliquot: 1.0 Gram
Lot Number: 160502
Storage: -70°C

- DESCRIPTION:** CypExpress™ 1A2 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 1A2 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** A reaction mixture containing 500 µM phenacetin and 100 mg/mL of CypExpress™ 1A2 will produce 35 uM acetaminophen in 4 hours at 30°C under the conditions described.
- THAWING:** It is important to avoid water adsorption during thawing. Remove the CypExpress™ vial from storage and warm to room temperature prior to opening. Return unused powder to -70°C.
- STORAGE:** Store at -70°C. Although CypExpress™ preparations can be warmed to room temperature multiple times, it is best to aliquot as needed to avoid multiple freeze/thaw cycles.
- SUGGESTED PROTOCOLS:** The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.