

Product Specification Sheet

Description: CypExpress™ 1A2
Product Number: CE1A2.1
Aliquot: 10.0 Gram
Lot Number: 181011
Storage: -80°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 -80°C.
STORAGE:	Store at -80°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:	<u>The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.</u>