

Product Specification Sheet

Description: CypExpress™ 19A1
Product Number: CE19A1.1
Aliquot: 1.0 Gram
Lot Number: ce19A1.200120
Storage: -80°C

- DESCRIPTION:** CypExpress™ 19A1 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 19A1 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** 20 mg of CypExpress 19A1 produced 10.59 micrograms of estradiol from 72 micrograms of testosterone in three hours at 37°C. The reaction was performed in 1.0 mL of 100 mM pH 7.4 phosphate buffer containing 2.0 mM NADP+ and 5.0 mM G6P.
- 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:** The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.