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HepG2
Whole Cell Lysate

Catalog No: PX315A **Size:** 100 µg
PX315B **Size:** 500 µg

Cell Line: HepG2 (Human hepatocellular carcinoma)

Growth media: DMEM & 10% FBS (Fetal bovine serum)

Cell Lysate Preparation: HepG2 cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% beta-mercaptoethanol.

Application: HepG2 cell lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

Storage: It is supplied as whole cell lysate at 100 µg at 2 mg/ml in 1 x SDS sample buffer containing 5% beta-mercaptoethanol. Store at -20°C for three months or at –70°C for one year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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