

## Jurkat Whole Cell Lysate

**Catalog No:** PX318A **Size:** 100 µg  
PX318B **Size:** 500 µg

**Cell Line:** Jurkat, clone E6-1 (Human acute T cell leukemia)

**Growth Media:** RPMI & 10% NCS (Newborn calf serum)

### Cell Lysate

**Preparation:** Jurkat 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 fluoride, 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:** Jurkat 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.**

