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K562 Cell Lysate

Catalog No.	PX319A PX319B	**Quantity:**	100 µg 0.5 mg

Preparation: K562 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 K562 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% β-mercaptoethanol.

Cell Line: K562 (Human Chronic Myelogenous Leukemia)

Source: Human (Female age 53) bone marrow, chronic myelogenous leukemia (CML)

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

Storage Product is supplied as 100 µg of whole cell lysate at a concentration of 2 mg/ml in 1 x SDS sample buffer containing 5% beta-mercaptoethanol. Product is stable for three months at -20°C or for one year at -80°C.

Applications: K562 cell lysate is ready to load on SDS-PAGE for Western blot, 20 µg/lane is recommended for mini gel.

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

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