

K562 Whole Cell Lysate

Cat. No. K562-167H **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Form	The 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.
Concentration	2.0 mg/ml
Cell line	K562 (Human Chronic Myelogenous Leukemia)
Growth media	RPMI & 10% NCS (Newborn Calf Serum)
Preparation method	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.
Expiration Date	One year from date of receipt
Size	0.1 mg, 0.5 mg
Storage Instruction	This lysate should be aliquoted in working amounts and may be stored for up to one month at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

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For longer term storage, freeze working aliquots at -70°C.

Applications

This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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