

Human Chronic Myelogenous Leukemia K562 Whole Cell Lysate

Cat. No. K562-034WCY **Lot. No.** (See product label)

SPECIFICATION

Product Overview	K562 (Human Chronic Myelogenous Leukemia) Whole Cell Lysate
Species	Human
Source	Bone Marrow
Description	The stemline chromosome number is triploid with the 2S component occurring at 4.2%. Fifteen markers (M1 and M(15)) occurred in nearly all S metaphases. Spontaneous non-specific dicentrics occurred, but rarely. Unstable markers were also rarely seen. The X was disomic, and N9 was nullisomic.
Applications	IP, WB
Stability	The lysate is stable for at least one year from date of shipping when stored at -80 centigrade. After incubation with SDS-PAGE sample buffer, SDS-PAGE samples need to be stored in -20 centigrade for long term storage.
Storage	Store the lysate at -80 centigrade and avoid repeated freeze / thaw cycles.
Concentration	1 vial of 100 µg whole cell lysate in RIPA buffer. 1 vial of 250 µL 2 x SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH 6.8, 10 % Glycerol, 0.002 % Bromphenol blue, 100 mM DTT)
Storage Buffer	Modified RIPA buffer (25 mM Tris-HCl pH 7.6, 150 mM NaCl, 1% NP-40, 1 mM

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EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma) and 1 mM Na₃VO₄)

Shipping

Shipped on dry ice.

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