

Product datasheet

K-562 nuclear extract lysate ab14851

Overview

Product name	K-562 nuclear extract lysate
General notes	Cell line: K562 (Human erythromyeloblastoid leukemia). Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA).

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Background	K-562 is an erythroleukemia cell line derived from a chronic myeloid leukemia patient in blast crisis. Recent studies have shown the K562 blasts are multipotential, hematopoietic malignant cells that spontaneously differentiate into recognisable progenitors of the erythrocyte, granulocyte and monocytic series. Cells are also used for haemoglobin synthesis, antitumour testing, tumorigenicity, differentiation, pharmacodynamics, cloning, cytotoxicity, cell biology, cellular effects of hyperthermia, and natural killer assays.

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