

Product datasheet

Nb2 nuclear extract lysate (prolactin stimulated) ab14869

Overview

Product name	Nb2 nuclear extract lysate (prolactin stimulated)
General notes	The Nb2 nuclear extract derived from rat lymphocytes have been collected in Lysis Buffer after a 20 minute stimulation with 25 ng/ml of prolactin at 37°C immediately prior to harvesting. The protein content has been determined by a Bradford-based assay.

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Aliquot and store at -80°C. Avoid repeated 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	The Nb-2 rat lymphoma line was derived from a transplant of a lymphoma that developed in the thymus/lymph node of a male noble (Nb) strain rat following prolonged oestrogen treatment. The cells are of the pre-T cell origin and their proliferation is dependent on mammalian lactogens, such as prolactin. Cells have a modified prolactin receptor and are used for in vitro bioassay of lactogenic hormones, studies of the mechanisms of lactogen induced mitogenesis, studies into the action of vinca alkaloids and studies of tumour progression.

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