

## Product datasheet

# Hep G2 nuclear extract lysate (IL6 stimulated (100 ng/ml)) ab14832

### Overview

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<b>Product name</b>	Hep G2 nuclear extract lysate (IL6 stimulated (100 ng/ml))
<b>Description</b>	Hep G2 nuclear extract lysate )
<b>General notes</b>	Cell line: HepG2 (Human hepatocellular carcinoma). Cells were cultured in medium supplemented with 100 ng/ml IL-6 (interleukin 6) for 15 minutes at 37°C immediately prior to harvesting. We recommend aliquoting the extracts into single use fractions and then storing them.

### Properties

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<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
<b>Background</b>	Hepatitis B virus (HBV) is the major cause of acute and chronic hepatitis, leading to progressive development of necroinflammatory changes in the liver, which can result in cirrhosis and hepatocellular carcinoma. Although the development of an effective vaccine to prevent HBV infection has shown promising results and should lead to its eventual eradication, antiviral chemotherapy remains the only effective method to prevent the progression of the disease in chronic carriers. Therefore, the development of new antiretroviral agents active against HBV is needed. HepG2 cells have an epithelial morphology and are thought to be a very useful model to study HBV virus replication via transfection. Cells are also used for cancer and apoptosis studies (in particular signalling pathway studies).

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