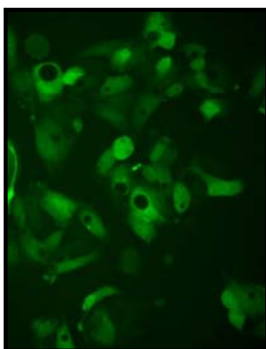


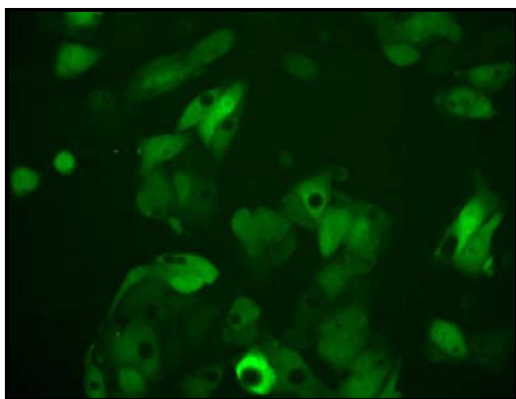
LINTERNA™ CELL LINES

GREEN FLUORESCENT HEP-G2 CELLS



Product Name:	LINTERNA™ – HEP-G2 Cell line
Catalog Number:	P20111
Cell Line:	Hepatocellular carcinoma
Fluorescent Protein:	tGFP
Format:	3 x 10 ⁶ cells in Cryopreserved vials
Storage:	Liquid Nitrogen

A novel green fluorescent HEP-G2 cell line has been developed through stable transfection with Evrogen TurboGFP. This cell line expresses green fluorescent protein gene sequences as free cytoplasmatic proteins.



tGFP-HEP-G2 Cell line is stably-transfected clonal cell line that is ready to use in cell-based assay applications. This stably transfected clonal cell line provides consistent levels of expression, which helps to simplify the interpretation of results. This cell line is intended to be used as “in vitro” model for research studies.

About HEP-G2

The Hep G2 cell line has been isolated from a liver biopsy of a Caucasian male aged 15 years in 1975, with a well differentiated hepatocellular carcinoma. They are epithelial-like cells, adherent and growing as monolayers and in small aggregates. Cells reportedly produce a variety of proteins: alpha-fetoprotein, albumin, alpha2-macroglobulin, alpha1-antitrypsin, transferrin, alpha1-antichymotrypsin, haptoglobin, ceruloplasmin, plasminogen, complement (C3, C4), C3 activator, fibrinogen, alpha1-acid glycoprotein, alpha2-HS glycoprotein, β -lipoprotein, retinol binding protein, 3-hydroxy-3-methylglutaryl-CoA reductase and hepatic triglyceride lipase activities. There is no evidence of a Hepatitis B virus genome in this cell line.

Use Restriction – Research Purposes Only

This product contains a proprietary nucleic acid coding for a proprietary fluorescent protein intended to be used for research purposes only. No rights are conveyed to modify or clone the gene encoding fluorescent protein contained in this product, or to use the gene or protein other than for non-commercial research, including use for validation or screening compounds. For information on commercial licensing, contact Licensing Department, Evrogen JSC, email: license@evrogen.com.

About TurboGFP

tGFP is an improved variant of the green fluorescent protein CopGFP cloned from copepoda *Pontellina plumata* (Arthropoda; Crustacea; Maxillopoda; Copepoda). It possesses bright green fluorescence (excitation/emission max = 482/ 502 nm) that is visible earlier than fluorescence of other green fluorescent proteins. tGFP is mainly intended for applications where fast appearance of bright fluorescence is crucial. It is specially recommended for cell and organelle labeling and tracking the promoter activity.

Quality Control

All cells are performance assayed and test negative for mycoplasma, bacteria, yeast and fungi. Cell viability, morphology and proliferative capacity are measured after recovery from cryopreservation. Innoprot guarantees stable expression for many generations and provides support for cell culture and visualization.

THIS PRODUCT IS FOR RESEARCH PURPOSES

ONLY. It is not to be used for drug or diagnostic purposes, nor is it intended for human use. Innoprot products may not be resold, modified for resale, or used to manufacture commercial products without written approval of Innovative Technologies in Biological Systems, S.L.