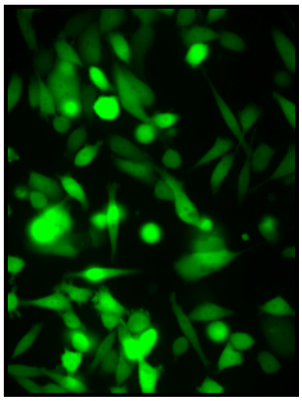
REF: P20115

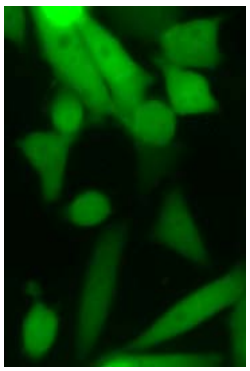
LINTERNA™ CELL LINES

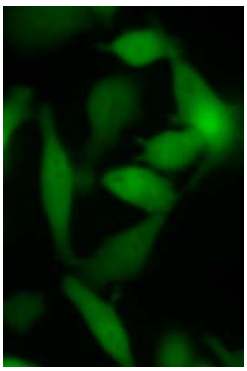
GREEN FLUORESCENT PC-3 CELL LINE



Product Name:	LINTERNA™ – PC-3 Cell line
Catalog Number:	P20115
Cell Line:	PC-3 Prostate Cancer Cell Line
Fluorescent Protein:	turboGFP (Evrogen)
Resistance:	G418
Format:	> $3x10^6$ cells in Cryopreserved vials
Storage:	Liquid Nitrogen

A novel green fluorescent PC-3 cell line has been developed through stable transfection with turboGFP protein. This cell line expresses green fluorescent protein as a free cytoplasmatic protein.





TurboGFP-PC-3 Cell line is stably-transfected and it is ready to use in cell-based assay applications. This stably transfected cell line provides consistent levels of expression, which helps to simplify the interpretation of the results. This cell line is intended to be used as an "in vitro" model for research studies.

About PC-3

PC-3 cell line was initiated from a bone metastasis of a grade IV prostatic adenocarcinoma from a 62-year-ol Caucasian male. These cells do not respond to androgens, glucocorticoids, or epidermal or fibroblast growth factors.

PC-3 cells are useful in investigating the biochemical changes in advanced prostatic cancer cells and in assessing their response to chemotherapeutic agents. Moreover, they can be used to create subcutaneous tumors in mice in order to investigate a model of the tumor environment in the context of the organism. Due to their high metastatic potential, these cells are also used to develop metastasis mouse models.

V.A.T. Nº: ESB95481909

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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.

TurboGFP 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.

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