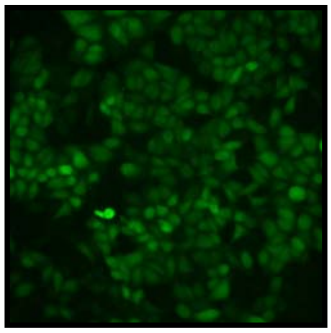
REF: P20106

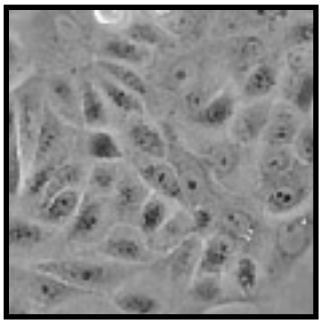
LINTERNA™ CELL LINES

GREEN FLUORESCENT MDCK CELLS



Product Name:	LINTERNA™ - MDCK Cell line
Catalog Number:	P20106
Cell Type:	MDCK canine kidney
Fluorescent Protein:	tGFP
Format:	3 x 10^6 cells in Cryopreserved vials
Storage:	Liquid Nitrogen

A novel green fluorescent MDCK cell line has been developed through stable transfection with tGFP. This cell line expresses green fluorescent protein gene sequences as free cytoplasmatic proteins.



tGFP-MDCK 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 to study processing of beta amyloid precursor protein and sorting of its proteolytic products.

About MDCK

MDCK cell line was derived from a kidney of an apparently normal adult female cocker spaniel. They are epithelial-like cells growing adherent as monolayer and in cell clusters. The cells are positive for keratin by immunoperoxidase staining. MDCK cells have been used to study processing of beta amyloid precursor protein and sorting of its proteolytic products. They are also useful in viral studies, supports the growth of vesicular exanthema virus of swine, vesicular stomatitis, vaccina, coxsackie B-5, adenoviruses, reoviruses and infectious canine hepatitis.

Use Restriction

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.

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About TurboGFP

TurboGFP 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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