

Fluorescent Cell Proliferation Assay Kit

Fluorescent Cell Proliferation Assay

CATALOG #
AAA52790

PRODUCT SYNONYMS

Fluorescent Cell Proliferation; Fluorescent Cell Proliferation Assay; Fluoro IndoBlu; Fluorescent Cell Proliferation assay kit

PRODUCT SPECIFICATIONS

Excitation/Emission	530 nm and Emission = 590 nm/absorbance at 570nm
Method of Analysis	Fluorescence plate reader
Preparation and Storage	Store at -20 degree C Shipping: Blue Ice/Gel Packs

ADDITIONAL INFORMATION

Related Product Information for Fluorescent Cell Proliferation assay kit	Principle of the Assay: The Fluoro IndoBlu™ reagent for cell proliferation and viability assay. Fluoro IndoBlu™ is an oxidation/reduction- based reagent that functions as a cell viability indicator by quantitatively measuring the reducing power of living cells. Fluoro IndoBlu™ is a cell-permeable reagent that is blue in color, but non-fluorescent. When added to cells, the IndoBlu™ reagent is modified by the reducing environment of the viable cell, it turns red in color and becomes highly fluorescent. This change can be detected using fluorescence or absorbance measurements. Fluoro IndoBlu™ is detected at the Excitation = 530 nm and Emission = 590 nm /absorbance at 570nm.
Product Categories/Family for Fluorescent Cell Proliferation assay kit	Metabolic Assay
References	Coaxum, S. D., et al. 2014. Epidermal growth factor-induced proliferation of collecting duct cells from Oak Ridge polycystic kidney mice involves activation of Na ⁺ /H ⁺ exchanger. Am J Physiol Cell Physiol, C554-60.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/fluorescent-cell-proliferation/52790>