

Casein, FITC-conjugated

Cat. No. DYE-136 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description	Fluoresceinated casein is widely used for fluorometric measurement of protease activity. In the intact substrate, casein is heavily labeled with a fluorescein derivative, resulting in almost total quenching of the conjugate's fluorescence. Protease-catalyzed hydrolysis relieves this quenching conjugate, yielding brightly green fluorescent dye-labeled peptides. The increase in fluorescence intensity is directly proportional to protease activity. The lightly labeled fluorescein casein may be useful for a continuous assay if monitored by fluorescence polarization.
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Ex(nm)	494
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Em(nm)	521
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Solvent	Water
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Storage	Store at -20°C in the dark. Dessicated.
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