

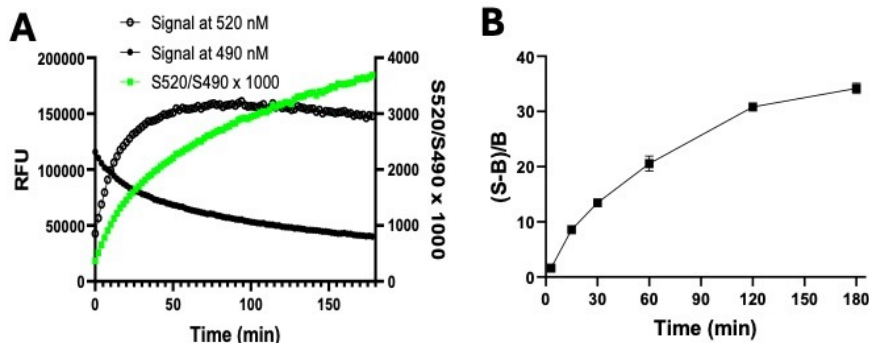
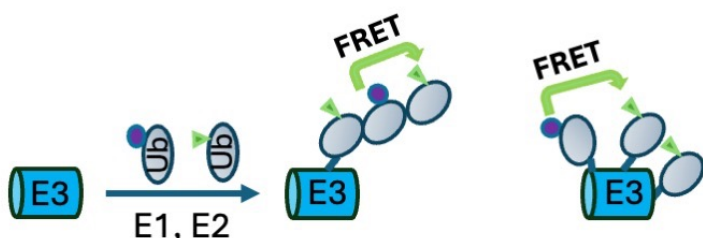
Product Overview

- Detecting E3 autoubiquitination utilizing terbium/fluorescein labeled ubiquitin (see schematic below)
- HTS assay with excellent signal to background ratio and stability
- Highly sensitive detecting activity of ubiquitin ligases at a concentration range of 2.5-50 nM
- Ubiquitin ligase CHIP included as a positive control (see results below)

Implications

- Assaying E3 ligase activity
- Degradation drug development

RELAY^{TR} Ubiquitin Ligase Activity Assay



A. Representative kinetic curves and the FRET ratio (S520/S490) of CHIP autoubiquitination.

B. Signal-to-background ratios of 25 nM CHIP autoubiquitination. Data were shown as mean \pm S.D. of four reactions.

CAT. #	PRODUCT NAME	SIZE
T4000	RELAY ^{TR} Ubiquitin Ligase Activity Assay Kit	400 x 20 μ l Reactions
T2001	Terbium-Ubiquitin	5/25/100 μ g
T2201	Fluorescein-Ubiquitin	100 μ g/ 1 mg
T3001	Europium-Ubiquitin	5/25/100 μ g
T3201	Cy5-Ubiquitin	100 μ g/ 1 mg