CAT.&Size: A1080017S (25 nmoles)
A1080017L (250 nmoles)
Storage at: 2-8 ℃

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For Research Use Only
Not For Diagnostic Or Therapeutic Use

KeyTec® TR-FRET FGFRs substrate - biotin

Technical Manual

1. Introduction

KeyTec® TR-FRET FGFRs substrate - biotin is designed for measuring the Tyrosine kinase (TKs) activity with KeyTec® TR-FRET TKs kinase kit （Cat. # A1080001L). For substrate optimization data, please refer to 《KeyTec® TR-FRET Kinase assay platform and assay development guide》（For more details, please visit our official website or contact our technical support team）.

2. Components

Component	A1080017S (25 nmoles)	A1080017L (250 nmoles)
KeyTec® TR-FRET **FGFRs substrate - biotin** Lyophilized	1 vial 25 nmoles	1 vial 250 nmoles

3. Storage

- Store substrate powder at 2-8 ℃. The product is stable for one year from the date of receipt.
- After thawing, aliquot the stock into single-use volumes (recommended minimum: 10 µL) to avoid repeated freeze-thaw cycles. Store these aliquots at -60 °C and below.

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4. Working Solution Preparation

Before reconstitution, centrifuge FGFRs substrate - biotin to pellet the powder to the bottom (850×g,1-2 minutes). Add the recommended volume of ultrapure water to the powder and mix gently as below.

Substrate Powder	Buffer	Volume	Stock Concentration
25 nmoles/vial	Ultra-pure water	500 µL/vial	50 µM
250 nmoles/vial	Ultra-pure water	500 µL/vial	500 µM

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