

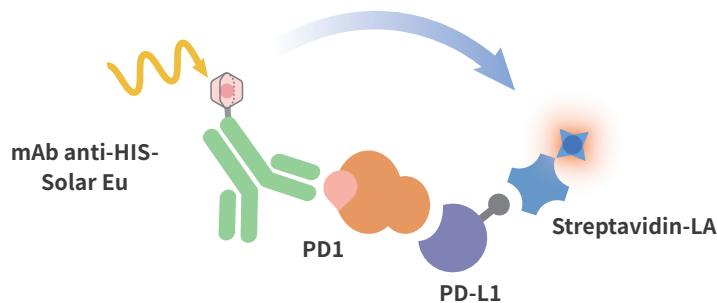
# KeyTec<sup>®</sup> TR-FRET Tool Box detection kit

## Introduction

KeyTec<sup>®</sup> TR-FRET Tool-Box is a collection of tool reagents specifically designed for the development of TR-FRET assays. It consists of a panel of detection reagents, featuring fluorescence donors (Solar Eu and Solar Tb) and fluorescence acceptors (LA and HX). We offer a range of labeled antibodies, secondary antibodies, and proteins that are tagged with fluorescence donors (Solar Eu and Solar Tb) and fluorescence acceptors (LA and HX). These reagents construct TR-FRET assays with enhanced sensitivity and flexibility.

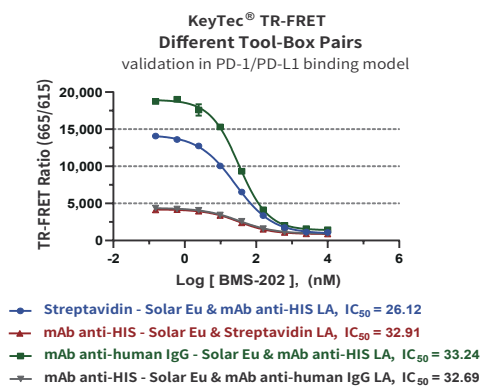
## Introduction

PD-1/PD-L1 Binding assay format:

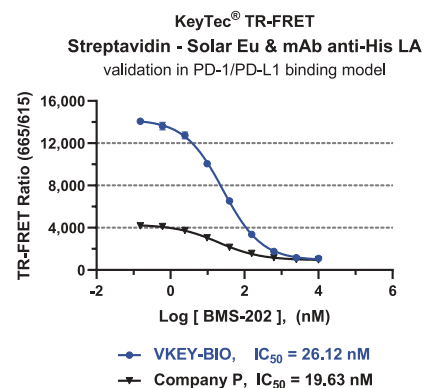


## Results

### Different Too-Box pairs



### Comparison of competitors



## Overview

Antibody	Donor		Acceptor	
	Solar Eu	Solar Tb	LA	HX
Streptavidin	✓	✓	✓	✓
Anti-6His	✓	✓	✓	✓
Anti-GST	✓	*	✓	*
Anti-Flag	✓	*	✓	*
Anti-MYC	✓		✓	
Anti-HA	✓		✓	
Anti-Human IgG	✓		✓	
Anti-Mouse IgG	✓		✓	
Anti-Rat IgG	✓		✓	
Anti-Rabbit IgG	✓		✓	

✓: Ready \* : Ongoing

### Tips:

- ✓ Different performance observed with different Tool-Box pairs.
- ✓ Testing different Tool-Box pairs to determine the optimal pair.

## Product List

品牌	货号	品名	规格
VKEY-BIO	A1020001S/L	KeyTec® TR-FRET mAb anti-HIS-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020002S/L	KeyTec® TR-FRET mAb anti-HIS-Solar Tb (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020003S/L	KeyTec® TR-FRET mAb anti-HIS-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020004S/L	KeyTec® TR-FRET mAb anti-HIS-HX (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020005S/L	KeyTec® TR-FRET mAb anti-GST-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020007S/L	KeyTec® TR-FRET mAb anti-GST-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020009S/L	KeyTec® TR-FRET mAb anti-FLAG-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020011S/L	KeyTec® TR-FRET mAb anti-FLAG-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020013S/L	KeyTec® TR-FRET mAb anti-MYC-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020015S/L	KeyTec® TR-FRET mAb anti-MYC-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020017S/L	KeyTec® TR-FRET mAb anti-HA-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020019S/L	KeyTec® TR-FRET mAb anti-HA-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020021S/L	KeyTec® TR-FRET Streptavidin-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020022S/L	KeyTec® TR-FRET Streptavidin-Solar Tb (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020023S/L	KeyTec® TR-FRET Streptavidin-LA (20 μM)	1,000 tests/10,000 tests
VKEY-BIO	A1020024S/L	KeyTec® TR-FRET Streptavidin-HX (20 μM)	1,000 tests/10,000 tests
VKEY-BIO	A1020025S/L	KeyTec® TR-FRET pAb anti-Human IgG-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020027S/L	KeyTec® TR-FRET pAb anti-Human IgG-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020029S/L	KeyTec® TR-FRET pAb anti-Mouse IgG-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020031S/L	KeyTec® TR-FRET pAb anti-Mouse IgG-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020033S/L	KeyTec® TR-FRET pAb anti-Rabbit IgG-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020035S/L	KeyTec® TR-FRET pAb anti-Rabbit IgG-LA (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020037S/L	KeyTec® TR-FRET pAb anti-Rat IgG-Solar Eu (100X)	1,000 tests/10,000 tests
VKEY-BIO	A1020039S/L	KeyTec® TR-FRET pAb anti-Rat IgG-LA (100X)	1,000 tests/10,000 tests

Tips: S:1000 tests L: 10,000 tests