

ORDERING INFORMATION



THUNDER™ TR-FRET Cell Signaling Assay Kits

bioauxilium
BETTER TOOLS. REAL DISCOVERIES.

	Catalog number		Pharmacological validation		
	100 assay points	500 assay points	Cellular model	Stimulator	Inhibitor
4EBP1 (T37/T46)	KIT-4EBPIP-100	KIT-4EBPIP-500	A431, HEK-293	Basal	PP242
4EBP1 Total	KIT-4EBPIT-100	KIT-4EBPIT-500			
4EBP1 (T37/T46) + Total 4EBP1	NA	KIT-4EBPIPT-500			
AKT1/2/3 (S473)	KIT-AKTS473P-100	KIT-AKTS473P-500	NIH-3T3	PDGF-AA	Wortmannin
AKT1/2/3 (T308)	KIT-AKTT308P-100	KIT-AKTT308P-500			
AKT1/2/3 Total	KIT-AKTT-100	KIT-AKTT-500			
AKT1/2/3 (S473) + Total AKT1/2/3	NA	KIT-AKTS473PT-500			
AKT1/2/3 (T308) + Total AKT1/2/3	NA	KIT-AKTT308PT-500			
BAD (S112)	KIT-BADP-100	KIT-BADP-500	HEK-293 MCF7	PMA	UCN-01
CREB (S133)	KIT-CREBP-100	KIT-CREBP-500	A431	EGF	Erlotinib
CREB Total	KIT-CREBT-100	KIT-CREBT-500	NIH-3T3	Forskolin	
CREB (S133) + Total CREB	NA	KIT-CREBPT-500	B lymphocytes	NECA	
EGFR (Y1068)	KIT-EGFRP-100	KIT-EGFRP-500	A431	EGF	Cetuximab
EGFR Total	KIT-EGFRT-100	KIT-EGFRT-500			
EGFR (Y1068) + Total EGFR	NA	KIT-EGFRPT-500			
eIF2α (S51)	KIT-EIF2AP-100	KIT-EIF2AP-500	HeLa	Calyculin A	NA
eIF2α Total	KIT-EIF2AT-100	KIT-EIF2AT-100			
eIF2α (S51) + Total eIF2α	NA	KIT-EIF2APT-500			
eIF4E (S209)	KIT-EIF4EP-100	KIT-EIF4EP-500	HEK-293 HeLa	Basal	CGP 57380
eIF4E Total	KIT-EIF4ET-100	KIT-EIF4ET-500			
eIF4E (S209) + Total eIF4E	NA	KIT-EIF4EPT-500			
ERK1/2 (T202/Y204)	KIT-ERKP-100	KIT-ERKP-500	HEK-293	EGF	Erlotinib
ERK1/2 Total	KIT-ERKT-100	KIT-ERKT-500			
ERK1/2 (T202/Y204) + Total ERK1/2	NA	KIT-ERKPT-500			
GAPDH Total	KIT-GAPDH-100	KIT-GAPDH-500	HeLa, A431, HEK-293, MCF7, HUVEC, Jurkat, THP-1, B lymphocytes	Basal	Basal
GSK3β (S9)	KIT-GSK3BP-100	KIT-GSK3BP-500	MCF7	Insulin	UCN-01
GSK3β Total	KIT-GSK3BT-100	KIT-GSK3BT-500			
GSK3β (S9) + Total GSK3β	NA	KIT-GSK3BPT-500			
IRβ (Y1150/Y1151)	KIT-IRBP-100	KIT-IRBP-500	B lymphocytes	Insulin	S961
JNK1/2/3 (T183/Y185)	KIT-JNKP-100	KIT-JNKP-500	HEK-293	Anisomycin	BX 795
JNK1/2/3 Total	KIT-JNKT-100	KIT-JNKT-500			
JNK1/2/3 (T183/Y185) + Total JNK1/2/3	NA	KIT-JNKPT-500			

	Catalog number		Pharmacological validation		
	100 assay points	500 assay points	Cellular model	Stimulator	Inhibitor
MEK1 (S218-S222)	KIT-MEK1P-100	KIT-MEK1P-500	HeLa	PMA	L779,450
MEK1 Total	KIT-MEK1T-100	KIT-MEK1T-500			
MEK1 (S218-S222) + Total MEK1	NA	KIT-MEK1PT-500			
Met (Y1234/Y1235)	KIT-METP-100	KIT-METP-500	A431, HeLa	HGF, Pervanadate	PHA-665752
Met Total	KIT-METT-100	KIT-METT-500			
Met (Y1234/Y1235) + Total Met	NA	KIT-METPT-500			
NFkB (S536)	KIT-NFKBP-100	KIT-NFKBP-500	HeLa	TNF α	IKK16
NFkB Total	KIT-NFKBT-100	KIT-NFKBT-500			
NFkB (S536) + Total NFkB	NA	KIT-NFKBPT-500			
p38 α (T180/Y182)	KIT-P38AP-100	KIT-P38AP-500	HeLa	Anisomycin	NA
p38 (T180/Y182)	KIT-P38P-100	KIT-P38P-500	HeLa	Anisomycin	NA
p53 (S15)	KIT-P53P-100	KIT-P53P-500	HEK-293	Etoposide	NA
p53 Total	KIT-P53T-100	KIT-P53T-500			
p53 (S15) + Total p53	NA	KIT-P53PT-500			
p70S6K (T389)	KIT-P70S6KP-100	KIT-P70S6KP-500	MCF7	Insulin	LY294002
p70S6K Total	KIT-P70S6KT-100	KIT-P70S6KT-500			
p70S6K (T389) + Total p70S6K	NA	KIT-P70S6KPT-500			
SLP-76 (S376)	KIT-SLP76P-100	KIT-SLP76P-500	Jurkat	H2O2	NA
SLP-76 Total	KIT-SLP76T-100	KIT-SLP76T-500			
SLP-76 (S376) + Total SLP-76	NA	KIT-SLP76T-500			
SMAD2 (S465/S467)	KIT-SMAD2P-100	KIT-SMAD2P-500	HeLa	TGF β	SB 431542
Src (Y419)	KIT-SRCP-100	KIT-SRCP-500	A431	H2O2	Bosutinib
STAT3 (Y705)	KIT-STAT3P-100	KIT-STAT3P-500	HeLa	IFN α	JAK inhibitor
STAT3 Total	KIT-STAT3T-100	KIT-STAT3T-500			
STAT3 (Y705) + Total STAT3	NA	KIT-STAT3PT-500			
STAT5 (Y694/Y699)	KIT-STAT5P-100	KIT-STAT5P-500	A431	EGF	Erlotinib
STAT5 Total	KIT-STAT5T-100	KIT-STAT5T-500			
STAT5 (Y694/Y699) + Total STAT5	NA	KIT-STAT5PT-500			
STAT6 (Y641)	KIT-STAT6P-100	KIT-STAT6P-500	HeLa	IL-4	JAK inhibitor 1
STAT6 Total	KIT-STAT6T-100	KIT-STAT6T-500			
STAT6 (Y641) + Total STAT6	NA	KIT-STAT6PT-500			
RPS6 (S235/S236)	KIT-RPS6AP-100	KIT-RPS6AP-500	MCF7	Insulin	LY294002
RPS6 (S240/S244)	KIT-RPS6BP-100	KIT-RPS6BP-500			
RPS6 Total	KIT-RPS6T-100	KIT-RPS6T-500			
RPS6 (S235/S236) + Total RPS6	NA	KIT-RPS6APT-500			
RPS6 (S240/S244) + Total RPS6	NA	KIT-RPS6BPT-500			
STAT1 (Y701) COMING SOON!					
STAT1 Total COMING SOON!					
STAT4 (Y693) COMING SOON!					
STAT4 Total COMING SOON!					
TBK1 (S172) COMING SOON!					

CUSTOM ASSAY DEVELOPMENT

For all your custom development needs, we offer extensive custom assay and product development services. With more than 100 TR-FRET assays developed in the last four years, rest assured that we can take up any project.

