

## Promega's NanoBRET<sup>TE</sup> Kinase Assays

S.No.	Kinase	S.No.	Kinase	S.No.	Kinase	S.No.	Kinase	S.No.	Kinase
1	AAK1	51	LATS1	101	MAPK6	151	EPHA8	201	ULK1
2	ABL1	52	LATS2	102	MARK2	152	EPHB2	202	ULK2
3	ABL2	53	LCK	103	MARK4	153	EPHB3	203	ULK3
4	ACVR1	54	LIMK1	104	MELK	154	EPHB4	204	WEE1
5	ACVRL1	55	LIMK2	105	MET	155	ERK1	205	YES1
6	ADK	56	LRRK2	106	MUSK	156	ERK2		
7	AKT2	57	LRRK2(G2019S)	107	MYLK2	157	ERN1		
8	ALK4	58	LTK	108	MYLK3	158	ERN2		
9	Aurora A	59	LYN	109	MYLK4	159	FAK		
10	Aurora B	60	MAP3K10	110	NEK2	160	FER		
11	Aurora C	61	MAP3K11	111	NEK3	161	FGFR1		
12	AXL	62	MAP3K12	112	NEK5	162	FGFR2		
13	BLK	63	MAP3K4	113	NEK9	163	FGFR3		
14	BMP2K	64	MAP3K9	114	NLK	164	FGFR4		
15	BMX	65	MAP4K1	115	NUAK1	165	FGR		
16	BRK	66	MAP4K2	116	NUAK2	166	FLT1		
17	BRSK1	67	MAP4K3	117	PAK4	167	FLT3		
18	BRSK2	68	MAPK11	118	PAK6	168	FRK		
19	BTK	69	MAPK14	119	PAK7	169	RIPK2		
20	CDK1 + Cyc B1	70	CDK2 + Cyc A1	120	PHKG1	170	RON		
21	CDK1 + Cyc E1	71	CDK2 + Cyc E1	121	PIK3C3	171	RPS6KA4		
22	CDK10 + Cyc L2	72	CDK20 + Cyc H	122	PIK3CA + PIK3R1	172	RSK1		
23	CDK11A + Cyc K	73	CDK3 + Cyc E1	123	PIK3CA(E545K) + PIK3R1	173	RSK2		
24	CDK11A + Cyc L2	74	CDK4 + Cyc D1	124	PIK3CA(H1047R) + PIK3R1	174	RSK3		
25	CDK14 + Cyc Y	75	CDK4 + Cyc D3	125	PIKFYVE	175	RSK4		
26	CDK15 + Cyc Y	76	CDK5	126	PIP4K2C	176	SIK1		
27	CDK16 + Cyc Y	77	CDK5 + CDK5R1	127	PIP5K1B	177	SIK2		

28	CDK17 + Cyc Y	78	CDK5 + CDK5R2	128	PKMYT1	178	SIK3		
29	CDK18 + Cyc Y	79	CDK6 + Cyc D1	129	PLK2	179	SLK		
30	CDK19 + Cyc C	80	CDK6 + Cyc D3	130	PLK3	180	SRC		
31	FYN	81	CDK7 + Cyc H	131	PLK4	181	STK3		
32	GAK	82	CDK8 + Cyc C	132	PRKAA2	182	STK4		
33	GSK3A	83	CDK9 + Cyc K	133	PRKACA	183	STK10		
34	GSK3B	84	CDK9 + Cyc T1	134	PRKX	184	STK11		
35	HIPK4	85	CDKL1	135	PYK2	185	STK16		
36	ICK	86	CDKL2	136	RET	186	STK32B		
37	IGF1R	87	CDKL3	137	RIOK2	187	STK33		
38	IKBKE	88	CDKL5	138	RIPK1	188	STK38		
39	INSR	89	CSNK1D	139	DCLK3	189	TBK1		
40	IRAK3	90	CSNK1E	140	DDR1	190	TEC		
41	IRAK4	91	CSNK1G2	141	DDR2	191	TEK		
42	ITK	92	CSNK2A1	142	DYRK1A	192	TESK1		
43	JAK2	93	CSNK2A2	143	DYRK1B	193	TIE1		
44	JAK2 (V617F)	94	CLK1	144	EIF2AK4k2	194	TNK1		
45	JAK2_JH1 Domain	95	CLK2	145	EPHA1	195	TRKA		
46	JAK3	96	CLK4	146	EPHA2	196	TRKB		
47	JNK1	97	CSF1R	147	EPHA4	197	TTK		
48	JNK2	98	CSK	148	EPHA5	198	TXK		
49	JNK3	99	DAPK2	149	EPHA6	199	TYK2		
50	KIT	100	MAPK4	150	EPHA7	200	TYRO3		

\* Additional kinase assays are under development, so please enquire even if your kinase of interest is not yet listed.