Caspase Substrate Set

Micro Plate Layout:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	X1	1	2	3	4	5	6	7	8	9	10	11	X1	1	2	3	4	5	6	7	8	9	10	11
B	X2	12	13	14	15	16	17	18	19	20	21	22	X2	12	13	14	15	16	17	18	19	20	21	22
C	X3	23	24	25	26	27	28	29	30	31	32	33	X3	23	24	25	26	27	28	29	30	31	32	33
D	X4	34	35	36	37	38	39	40	41	42	43	44	X4	34	35	36	37	38	39	40	41	42	43	44
E	X5	45	46	47	48	49	50	51	52	53	54	55	X5	45	46	47	48	49	50	51	52	53	54	55
F	X6	56	57	58	59	60	61	62	63	64	65	66	X6	56	57	58	59	60	61	62	63	64	65	66
G	X7	67	68	69	70	71	72	73	74	75	76	77	X7	67	68	69	70	71	72	73	74	75	76	77
H	X8	78	79	80	81	82	83	84	85	86	87	88	X8	78	79	80	81	82	83	84	85	86	87	88
I	X1	1	2	3	4	5	6	7	8	9	10	11	X1	1	2	3	4	5	6	7	8	9	10	11
J	X2	12	13	14	15	16	17	18	19	20	21	22	X2	12	13	14	15	16	17	18	19	20	21	22
K	X3	23	24	25	26	27	28	29	30	31	32	33	X3	23	24	25	26	27	28	29	30	31	32	33
L	X4	34	35	36	37	38	39	40	41	42	43	44	X4	34	35	36	37	38	39	40	41	42	43	44
M	X5	45	46	47	48	49	50	51	52	53	54	55	X5	45	46	47	48	49	50	51	52	53	54	55
N	X6	56	57	58	59	60	61	62	63	64	65	66	X6	56	57	58	59	60	61	62	63	64	65	66
O	X7	67	68	69	70	71	72	73	74	75	76	77	X7	67	68	69	70	71	72	73	74	75	76	77
P	X8	78	79	80	81	82	83	84	85	86	87	88	X8	78	79	80	81	82	83	84	85	86	87	88

I II III IV

Sequence Information:

pep-No	sequence	protein	I	II	III	IV
X1		customer control	A1	A13	I1	I13
1	FPADEANS	>PAXI_HUMAN (P49023)	A2	A14	I2	I14
2	TVADGLKK	>KRAC_HUMAN (P31749)	A3	A15	I3	I15
3	ALADSLGK	>ICAL_HUMAN (P20810)	A4	A16	I4	I16
4	EEADSMKS	>TRA3_HUMAN (Q13114)	A5	A17	I5	I17
5	HLADSPAV	>BCLX_HUMAN (Q07817)	A6	A18	I6	I18
6	IMAENRKS	>PLMN_HUMAN (P00747)	A7	A19	I7	I19
7	DEDDSAAP	>ANDR_HUMAN (P10275)	A8	A20	I8	I20
8	PEDDGYFV	>TOP1_HUMAN (P11387)	A9	A21	I9	I21
9	LDEDEEDL	>MJD1_HUMAN (P54252)	A10	A22	I10	I22
10	DEEDILSH	>HD_HUMAN (P42858)	A11	A23	I11	I23
11	LTEDHLDL	>MEFD_HUMAN (Q14814)	A12	A24	I12	I24
X2		customer control	B1	B13	J1	J13
12	DEEDLQRA	>MJD1_HUMAN (P54252)	B2	B14	J2	J14
13	EGEDDRDS	>ROCL_HUMAN (O60812)	B3	B15	J3	J15
14	TEEDGVPS	>CTPT_HUMAN (P49585)	B4	B16	J4	J16
15	TQFDAAHP	>CTNB_HUMAN (P35222)	B5	B17	J5	J17
16	DAGDVGAA	>BCL2_HUMAN (P10415)	B6	B18	J6	J18
17	DEGDSLDG	>RSG1_HUMAN (P20936)	B7	B19	J7	J19
18	DRHDSGLD	>IKBA_HUMAN (P25963)	B8	B20	J8	J20

pep-No	sequence	protein	I	II	III	IV
19	DEHDEHDE	>LA_HUMAN (P05455)	B9	B21	J9	J21
20	DYHDYRGG	>ROR_HUMAN (O43390)	B10	B22	J10	J22
21	DEIDHAEM	>ATB4_HUMAN (P23634)	B11	B23	J11	J23
22	VEIDNGKQ	>LAMA_HUMAN (P02545)	B12	B24	J12	J24
X3		customer control	C1	C13	K1	K13
23	RAIDALRE	>ROR_HUMAN (O43390)	C2	C14	K2	K14
24	DNIDNLSP	>APC_HUMAN (P25054)	C3	C15	K3	K15
25	ADIDGQYA	>CTNB_HUMAN (P35222)	C4	C16	K4	K16
26	TEIDGRSI	>NUCL_HUMAN (P19338)	C5	C17	K5	K17
27	DQIDDTVE	>VAV_HUMAN (P15498)	C6	C18	K6	K18
28	DLKDHMRE	>SFR1_HUMAN (Q07955)	C7	C19	K7	K19
29	EGLDAAAS	>GAT1_HUMAN (P15976)	C8	C20	K8	K20
30	SALDGDQM	>ROU_HUMAN (Q00839)	C9	C21	K9	K21
31	SYLDSGIH	>CTNB_HUMAN (P35222)	C10	C22	K10	K22
32	DLLDDGEI	>BRC1_HUMAN (P38398)	C11	C23	K11	K23
33	DELDYHRG	>ACIN_HUMAN (Q9UKV3)	C12	C24	K12	K24
X4		customer control	D1	D13	L1	L13
34	DELDSHTM	>STK3_HUMAN (Q13188)	D2	D14	L2	L14
35	EDLDGKGS	>GAT1_HUMAN (P15976)	D3	D15	L3	L15
36	SLLDELES	>PAXI_HUMAN (P49023)	D4	D16	L4	L16
37	ETLDMMKK	>MM08_HUMAN (P22894)	D5	D17	L5	L17
38	MELDGPKG	>STA1_HUMAN (P42224)	D6	D18	L6	L18
39	DGLDGPTY	>PSE3_HUMAN (P61289)	D7	D19	L7	L19
40	DSLDGRSL	>DRPL_HUMAN (P54259)	D8	D20	L8	L20
41	SSLDAREV	>BCLX_HUMAN (Q07817)	D9	D21	L9	L21
42	SELDASKT	>SR72_HUMAN (O76094)	D10	D22	L10	L22
43	RKLDNTKF	>SFR1_HUMAN (Q07955)	D11	D23	L11	L23
44	IVLDGTDN	>HD_HUMAN (P42858)	D12	D24	L12	L24
X5		customer control	E1	E13	M1	M13
45	LQMDYATN	>PPO2_HUMAN (Q9UGN5)	E2	E14	M2	M14
46	VKMDAEFR	>A4_HUMAN (P05067)	E3	E15	M3	M15
47	DEMDEKSE	>SPAK_HUMAN (Q9UEW8)	E4	E16	M4	M16
48	VEMDSLSE	>SAB1_HUMAN (Q01826)	E5	E17	M5	M17
49	DLMDGLPP	>CTNB_HUMAN (P35222)	E6	E18	M6	M18
50	EEMDFRSG	>KRAC_HUMAN (P31749)	E7	E19	M7	M19
51	DINDGHCG	>GRP2_HUMAN (O75791)	E8	E20	M8	M20
52	DLNDGTQA	>HD_HUMAN (P42858)	E9	E21	M9	M21
53	IVPDIAVG	>PTB_HUMAN (P26599)	E10	E22	M10	M22
54	AEPDYGAL	>PIG1_HUMAN (P19174)	E11	E23	M11	M23
55	DLPDMKET	>E2K2_HUMAN (P19525)	E12	E24	M12	M24
X6		customer control	F1	F13	N1	N13
56	LSPDLLTL	>GAT1_HUMAN (P15976)	F2	F14	N2	N14

pep-No	sequence	protein	I	II	III	IV
57	DGPDGPEE	>RU17_HUMAN (P08621)	F3	F15	N3	N15
58	SEPDSPVF	>SRE1_HUMAN (P36956)	F4	F16	N4	N16
59	PAPDAPLK	>KCC4_HUMAN (Q16566)	F5	F17	N5	N17
60	DEPDSPPV	>SRE2_HUMAN (Q12772)	F6	F18	N6	N18
61	ELPDGQVI	>ACTA_HUMAN (P62736)	F7	F19	N7	N19
62	SSPDGQLM	>KPCE_HUMAN (Q02156)	F8	F20	N8	N20
63	NSPDAQPQ	>SP1_HUMAN (P08047)	F9	F21	N9	N21
64	DYPDSSVS	>ATM_HUMAN (Q13315)	F10	F22	N10	N22
65	MMPDGTLG	>NR54_HUMAN (Q15233)	F11	F23	N11	N23
66	FIQDRAGR	>BAXA_HUMAN (Q07812)	F12	F24	N12	N24
X7		customer control	G1	G13	O1	O13
67	ESQDVSGS	>CDNB_HUMAN (P46527)	G2	G14	O2	O14
68	DDRDSANG	>ROC_HUMAN (P07910)	G3	G15	O3	O15
69	VMRDPASK	>ROA2_HUMAN (P22626)	G4	G16	O4	O16
70	ILRDKDNT	>PLE1_HUMAN (Q15149)	G5	G17	O5	O17
71	AQRDSHLG	>PSN1_HUMAN (P49768)	G6	G18	O6	O18
72	DLRDDKDT	>RAC1_HUMAN (P63000)	G7	G19	O7	O19
73	VYRDGTGV	>SFR1_HUMAN (Q07955)	G8	G20	O8	O20
74	DTRDNVYY	>CAD1_HUMAN (P12830)	G9	G21	O9	O21
75	DDSDAATF	>ADDA_HUMAN (P35611)	G10	G22	O10	O22
76	EESDEDMG	>RLA0_HUMAN (P05388)	G11	G23	O11	O23
77	DSSDSELE	>CSEN_HUMAN (Q9Y2W7)	G12	G24	O12	O24
X8		customer control	H1	H13	P1	P13
78	LESDYFGK	>IL18_HUMAN (Q14116)	H2	H14	P2	P14
79	LSSDAPGV	>CREB_HUMAN (P16220)	H3	H15	P3	P15
80	DPSDSQTG	>CDNB_HUMAN (P46527)	H4	H16	P4	P16
81	KESDLSHV	>ROR_HUMAN (O43390)	H5	H17	P5	P17
82	AETDGQAS	>ST24_HUMAN (Q9Y6E0)	H6	H18	P6	P18
83	SHVDGAAK	>PAK2_HUMAN (Q13177)	H7	H19	P7	P19
84	AEVDGDDD	>IF2A_HUMAN (P05198)	H8	H20	P8	P20
85	DAVDTGIS	>DFFA_HUMAN (O00273)	H9	H21	P9	P21
86	DTVDGKEI	>RSG1_HUMAN (P20936)	H10	H22	P10	P22
87	DGVDLKTQ	>LYN_HUMAN (P07948)	H11	H23	P11	P23
88	DEVDGMAG	>RFC1_HUMAN (P35251)	H12	H24	P12	P24