

pERK CLIA ASSAY LAYOUT SHEET
for use with Assay Designs' Catalog No. 910-098

• **TABLE FOR MAKING STANDARDS 1-6:**

Reconstitute lyophilized Standard with 0.5 mL of Assay Buffer 21 plus Inhibitors for a stock solution at 2,000 pg/mL. Let sit 5 minutes, then gently mix.

Std.	Diluent Vol. (μL)	Standard Vol. Added (μL)	pERK Conc. (pg/mL)
1	350	150 Stock	600
2	250	250, Std. 1	300
3	250	250, Std. 2	150
4	250	250, Std. 3	75
5	250	250, Std. 4	37.5

• **ASSAY PROTOCOL FLOW CHART: Vol. Added (μL)**

Well ID:	Blank A1, A2	S0 A3, A4	Standards A5-B2	Samples B3-H12
Standard Diluent	---	100 μL	---	---
Std. or Sample	---	---	100 μL	100 μL
Seal plate and tap gently to mix				
Incub. 1 hour @ RT, shaking				
Asp. & Wash 4 x 400 μL				
Antibody	---	100 μL	100 μL	100 μL
Incub. 1 hour @ RT, shaking & sealed				
Asp. & Wash 4 x 400 μL				
Conjugate	---	100 μL	100 μL	100 μL
Incub. 30 min. @ RT, shaking & sealed				
Asp. & Wash 4 x 400 μL				
CLIA Substrate	200 μL	200 μL	200μL	200 μL
Incub. 30 min. @ RT				

pERK CLIA PLATE LAYOUT:

A1 Blank	A2 Blank	A3 S0	A4 S0	A5 Std 1	A6 Std 1	A7 Std 2	A8 Std 2	A9 Std 3	A10 Std 3	A11 Std 4	A12 Std 4
B1 Std 5	B2 Std 5	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12
E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12

Kit Lot No. _____ Exp. Date _____ Date _____ Tech. _____

1st Incub.: Start Time _____ Temp. _____
 End Time _____ Temp. _____

3rd Incub.: Start Time _____ Temp. _____
 End Time _____ Temp. _____

2nd Incub.: Start Time _____ Temp. _____
 End Time _____ Temp. _____

4th Incub.: Start Time _____ Temp. _____
 End Time _____ Temp. _____