

## 9 $\alpha$ ,11 $\beta$ -PGF<sub>2 $\alpha$</sub> ASSAY LAYOUT SHEET

for use with Assay Designs' Catalog Nos. 900-012 and 901-012

(formerly 90012 and 90112)

• **DILUTION TABLE FOR MAKING STANDARDS 1-7:**

Std.	Assay Buffer Vol. ( $\mu$ L)	Vol. Added ( $\mu$ L)	9 $\alpha$ ,11 $\beta$ -PGF <sub>2<math>\alpha</math></sub> Conc. (pg/mL)
1	900	100, Stock	500,000
2	800	200, Std. 1	100,000
3	800	200, Std. 2	20,000
4	800	200, Std. 3	4,000
5	800	200, Std. 4	800
6	800	200, Std. 5	160
7	800	200, Std. 6	32

• **ASSAY PROTOCOL FLOW CHART:**

Well I.D.:	Blank A1, B1	TA C1, D1	NSB E1, F1	Bo G1, H1	Stds. A2 - F3	Samples G3 - H12
Assay Buffer	---	---	150 $\mu$ L	100 $\mu$ L	---	---
Std. and/or Sample	---	---	---	---	100 $\mu$ L	100 $\mu$ L
Conjugate	---	---	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L
Antibody	---	---	---	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L
Incub. 2 hours @ RT, shaking						
Asp. & Wash 3 x 400 $\mu$ L						
Conjugate	---	5 $\mu$ L	---	---	---	---
Substrate	200 $\mu$ L	200 $\mu$ L	200 $\mu$ L	200 $\mu$ L	200 $\mu$ L	200 $\mu$ L
Incub. 1 hour @ RT						
Stop Solution	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L

• **9 $\alpha$ ,11 $\beta$ -PGF<sub>2 $\alpha$</sub>  PLATE LAYOUT:**

A1 Blank	A2 Std 1	A3 Std 5	A4	A5	A6	A7	A8	A9	A10	A11	A12
B1 Blank	B2 Std 1	B3 Std 5	B4	B5	B6	B7	B8	B9	B10	B11	B12
C1 TA	C2 Std 2	C3 Std 6	C4	C5	C6	C7	C8	C9	C10	C11	C12
D1 TA	D2 Std 2	D3 Std 6	D4	D5	D6	D7	D8	D9	D10	D11	D12
E1 NSB	E2 Std 3	E3 Std 7	E4	E5	E6	E7	E8	E9	E10	E11	E12
F1 NSB	F2 Std 3	F3 Std 7	F4	F5	F6	F7	F8	F9	F10	F11	F12
G1 Bo	G2 Std 4	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
H1 Bo	H2 Std 4	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12

Kit Lot No. \_\_\_\_\_ Exp. Date \_\_\_\_\_ Date \_\_\_\_\_ Tech. \_\_\_\_\_

1st Incub.: Start Time \_\_\_\_\_ Temp. \_\_\_\_\_ Notes: \_\_\_\_\_

End Time \_\_\_\_\_ Temp. \_\_\_\_\_

2nd Incub.: Start Time \_\_\_\_\_ Temp. \_\_\_\_\_

End Time \_\_\_\_\_ Temp. \_\_\_\_\_