

MOUSE INTERLEUKIN-5 ASSAY LAYOUT SHEET
for use with Assay Designs' Catalog No. 900-128

• **TABLE FOR MAKING STANDARDS 1-3:**

* First reconstitute standard with deionized water or Tissue Culture Media. Reconstitution volume is stated on the standard vial label. Let sit 5 minutes, then mix gently.

Std.	Diluent Vol. (μL)	Vol. Added (μL)	mouse IL-5 Conc. (pg/mL)
1	see standard vial	(lyoph)	320
2	600	200, Std. 1	80
3	600	200, Std. 2	20

• **ASSAY PROTOCOL FLOW CHART:**

Well ID:	Blank A1, B1	S 0 C1, D1	Standards E1-B2	Samples C2-H12
Plate Reagent	50 μL	50 μL	50 μL	50 μL
Standard Diluent or Tissue Culture Media	---	50 μL	---	---
Std. and/or Sample	---	---	50 μL	50 μL
Incub. 2 hrs. @ 37 °C, sealed	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒
Asp. & Wash 5 x 400 μL	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒
Conjugate Reagent	---	100 μL	100 μL	100 μL
Incub. 1 hr @ 37 °C, sealed	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒
Asp. & Wash 5 x 400 μL	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒
Substrate	100 μL	100 μL	100 μL	100 μL
Incub. 30 min. @ RT	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒
Stop Solution 2	100 μL	100 μL	100 μL	100 μL
Read at 450 nm	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒	⇒⇒⇒

MOUSE IL-5 PLATE LAYOUT:

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