

Standard mix M: EYRAplex, mouse

Intended use

This datasheet is intended for use with EYRAplex panels including Standard mix M: EYRAplex, mouse. For research use only. Not for use in diagnostic procedures.

Contents

Standard mix included in EYRAplex kit	Batch*	Quantity
Standard mix M: EYRAplex, mouse	1	2 vials

**The batch number of the standard is also stated on the standard vial label.*

Two vials of lyophilized standard mix are provided, allowing the assay to be performed on separate occasions (e.g., when only half of the plate is used per run).

Standards

The table shows the concentrations of the highest standard point (S1) obtained when diluting standards according to **Preparation of standard curve**. Standard calibration is batch-specific.

Analyte	S1 Value (pg/ml)
IFN- γ	4300
IL-1 β	21000
IL-2	4800
IL-4	3300
IL-5	1400
IL-6	7000
IL-10	4000
IL-12 (p70)	4500
IL-17A	4200
TNF- α	1800

Storage

Store at 4-8 °C upon receipt.

Preparation of standard curve

Prepare within 30 minutes of use.

1. Reconstitution

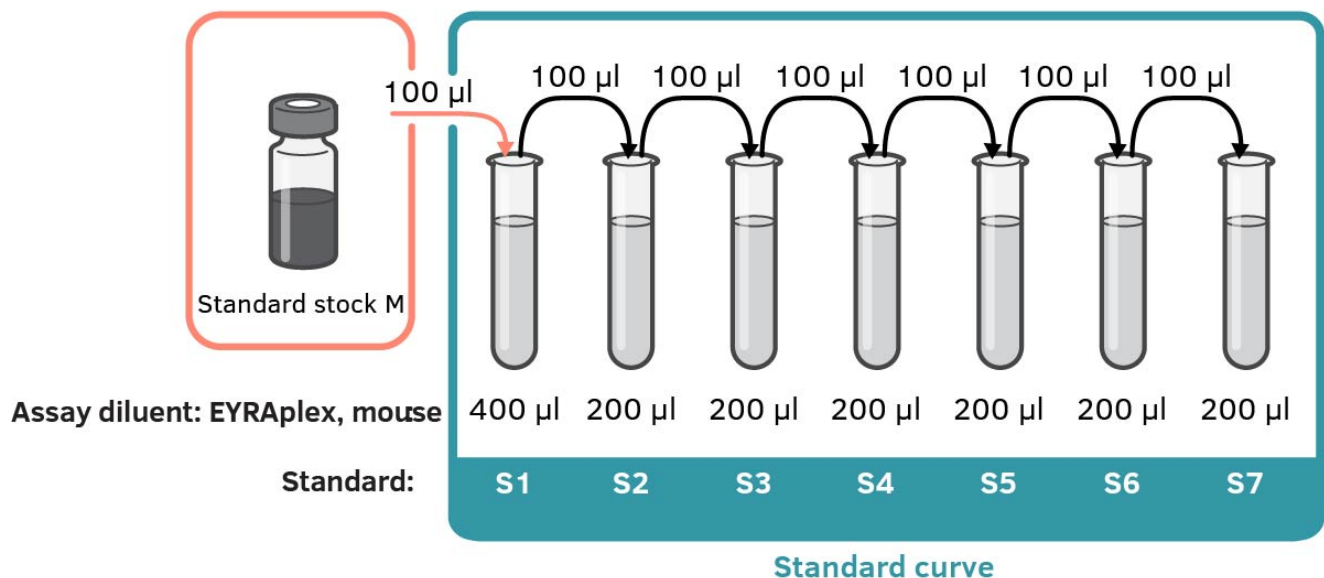
Reconstitute the lyophilized standards to create the Standard stocks by adding 0.25 ml of Assay diluent: EYRAplex, mouse to one vial of Standard mix M: EYRAplex, mouse.

Allow the standard to dissolve for 5 minutes, then mix thoroughly (e.g., by vortexing or pipetting up and down) before proceeding to step 2.

2. Preparation of standard curve

Dilute the reconstituted standard to prepare a seven-point standard curve (S1-S7) as shown below. Change pipette tip between each dilution step. The volumes prepared for each standard point are sufficient for duplicate wells. Optionally, use a different dilution factor, to generate a longer titration range.

Prepare an additional tube containing only Assay diluent: EYRAplex, mouse (no standard), which will serve as the assay background control (blank).



Note:
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