

Standard mix A: EYRAplex, human

Intended use

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

Contents

Standard mix included in EYRAplex kit	Batch*	Quantity
Standard mix A: EYRAplex, human	2.2	1 vial

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

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)
GM-CSF	530
IFN- α pan	1480
IFN- γ	570
IL-1 α	8820
IL-1 β	2220
IL-2	1420
IL-4	2390
IL-5	2320
IL-6	2330
IL-8 (CXCL8)	4160

Analyte	S1 Value (pg/ml)
IL-10	790
IL-12 (p70)	3230
IL-13	2970
IL-17A	1540
IL-17F	730
IL-21	3020
IL-29 (IFN- λ 1)	3210
Perforin	41550
TNF- α	4000

Storage

Store at 4-8 °C upon receipt.

Preparation of standard curve

Prepare within 30 minutes of use.

1. Reconstitution

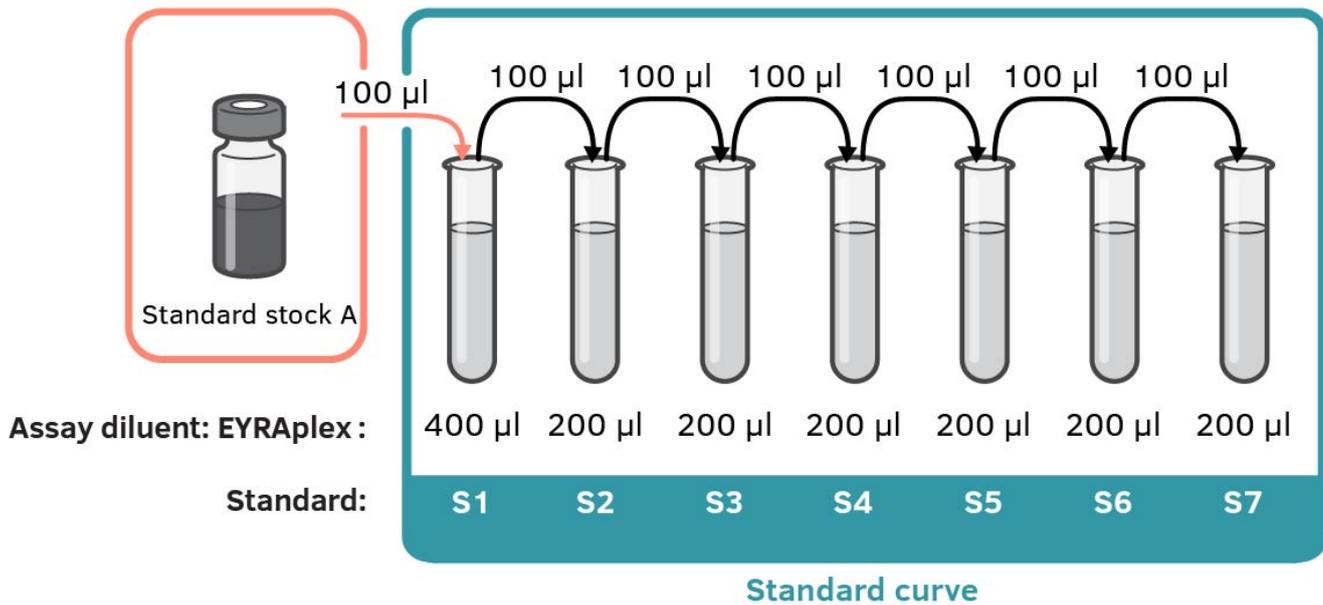
Reconstitute the lyophilized standards to create the Standard stocks by adding 0.25 ml of Assay diluent: EYRAplex to one vial of Standard mix A: EYRAplex, human.

Allow the standard to dissolve for 5 minutes at room temperature, 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 (no standard), which will serve as the assay background control (blank).



Note:

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