

EYRAplex standard datasheet

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*
Standard mix A: EYRAplex human	1

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

Storage

Store at 4-8 °C upon receipt.

Standards

The table shows the highest standard point S1 obtained when diluting standards according to the preparation of the standard curve. Standard calibration is batch specific.

Standard mix A: EYRAplex human			
Analyte	S1 Value (pg/ml)	Analyte	S1 Value (pg/ml)
GM-CSF	540	IL-10	840
IFN- α PAN	1540	IL-12 (p70)	3270
IFN- γ	610	IL-13	3180
IL-1 α	9520	IL-17A	1480
IL-1 β	2380	IL-17F	660
IL-2	1470	IL-21	2630
IL-4	2400	IL-29	2980
IL-5	2380	Perforin	43410
IL-6	2340	TNF- α	4240
IL-8 (CXCL8)	4340		

Preparation of standard curve

Prepare within 30 minutes of use.

1. Reconstitution

Reconstitute lyophilized standard by adding 0.25 ml of Assay diluent: EYRAplex, human. Allow the standard to dissolve for 5 minutes, then mix thoroughly and proceed to step 2.

2. Preparation of standard curve

Dilute the reconstituted standard to prepare a standard curve (S1–S7) as shown. The indicated volumes are sufficient for duplicate wells. Include an additional vial containing only buffer (no standard), which will serve as the assay background control.

