



Human Soluble CD23 EASIA (sCD-23)

EASIA™ ELISA Kit

- Catalog No.:** KAS0251 (1 plate, 96 determinations)
KAS0252 (2 plates, 192 determinations)
- Sensitivity:** 0.15 U/mL
Range: 1 - 20 U/mL
Incubation Time: 2 hours 30 minutes at *room temperature*.
- Complete:** Pre-coated strip-well plate (also available in 5-plate kits; please inquire).
HRP conjugated detection antibody
Dilution buffers, wash solution, TMB, and stop solution included.
6 pre-diluted standards included.
2 plasma controls included.
- Accurate:** Inter-assay CV: 4.3%
Intra-assay CV: 3.3%
Utilizes multiple monoclonal capture antibodies to avoid hyperspecificity.
Recognizes the 15, 25, 29 and 37 kDa fragments of recombinant sCD23.
1 U corresponds to 1.25 ng/mL recombinant sCD23, 25 kDa form.
- Versatile:** Serum, plasma, cell culture medium, urine or buffered solutions.
100 µL sample volume required.
- Quality Assured:** Manufactured in an ISO9001-approved facility.

Human sCD23 EASIA™ ELISA Kit Summary Protocol

1. Add 100 µL Diluent to all wells.
2. Add 100 µL standard, controls or sample into appropriate wells.
3. Add 50 µL HRP-conjugate to each well.
4. Incubate 2 hours at room temperature, while shaking.
5. Aspirate and wash wells 3x with Wash Buffer.
6. Add 200 µL Chromogenic solution to each well.
7. Incubate 30 minutes at room temperature, while shaking, in the dark.
8. Add 50 µL of Stop Solution to each well.
9. Read absorbance at 450 nm.

Reference: Massa, M., Pignatti, P., Oliveri, M., DeAmici, M., DeBenedetti, F., Martini, A., (1998) Serum soluble CD23 levels and CD23 expression on peripheral blood mononuclear cells in juvenile chronic arthritis. *Clin and Exper Rheumatology*. 16:611-616.