



Antibody Specification Sheet

Anti-Human Interleukin 8 (hIL-8) - Biotin



Catalog reference: AS15-B

Size: 0.2 mg

Antibody Information:

Antigen: human recombinant interleukin 8 (hIL-8).

Ig Class: mlgG1.

Form: boitin conjugated.

Specificity: recognizes both the 72 aa and 77 aa forms human IL-8. Does not recognize mouse IL-8 or a panel of other human cytokines.

Antibody Source: monoclonal antibody from BALB/c-derived hybridomas.

Production: *in vitro* cell culture.

Purification: Protein A agarose chromatography.

Purity: ≥95%.

Formulation: provided as a 0.2 µm sterile-filtered solution in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

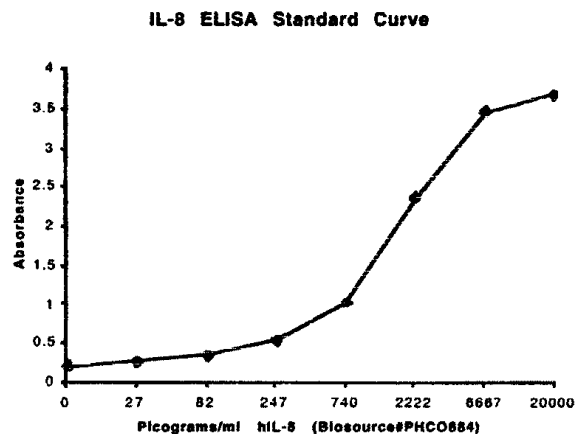
Concentration: 1 mg/ml.

Recommendations: ELISA

Storage conditions: store undiluted at 4 °C or in aliquots at ≤ -20 °C.

Applications:

Elisa: This antibody has been used as a solution phase antibody at 2 µg/ml in a two site ELISA with AS14-P. Typically the ELISA has a working range of 27-20000 pg/ml and a sensitivity of <10 pg/ml with the appropriate standard. Recommended sample volumes are 25-200 µl. Recovery of human hIL-8 in human serum is typically > 85% in the ELISA.



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