



## 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<sup>++</sup> & Mg<sup>++</sup> free Dulbecco's PBS with 0.05% sodium azide.

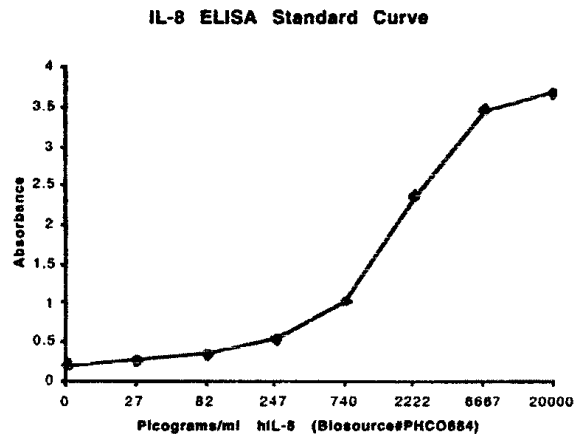
**Concentration:** 1 mg/ml.

**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.



FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

### Antibody Solutions

1130 Mountain View Alviso Road, Sunnyvale, CA 94089, USA

Tel: +1-650-938-4300, FAX: +1-408-734-0400

E-mail: [solutions@antibody.com](mailto:solutions@antibody.com)