



Antibody Specification Sheet

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



Catalog reference: AS15-P

Size: 0.5 mg

Antibody Information:

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

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes both the 72 aa and 77 aa forms of 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 (see also AS15-B).

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

Applications:

Elisa: This antibody has been used as a biotinylated 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

1206 Charleston Road, Mountain View, CA 94043, USA

Tel: 650-938-4300, FAX: 650-938-4390

E-mail: solns@antibody.com