

Resistin

Method:	Enzyme-linked immunosorbent assay (ELISA)
Kit Manufacturer:	R & D Systems, Minneapolis, MN
Description:	This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for human Resistin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Resistin present is bound by the immobilized antibody. After washing away any unbound substances, an enzyme-linked monoclonal antibody specific for Resistin is added to the wells. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Resistin bound in the initial step. The color development is stopped and the intensity of the color is measured.

Collection and Performance Characteristics

Tube type:	Preferred: SST Alternate: EDTA or Heparin
Minimum Volume:	0.2 mL
Lowest Reportable Value:	0.21 ng/mL
Dynamic Range:	0.21-50 ng/mL
Precision:	Intra-assay variation is 1.8-7.7% Inter-assay variation is 3.4-9.3%
Reference Range:	6.39 – 26.4 ng/mL