

Product no **AS10 1039****Goat anti-Human IgG + IgA + IgM, F(ab)'2 fragment, HRP conjugated****Product information****Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified IgG, F(ab)'2 fragment.**Format** | Lyophilized**Quantity** | 0.5 mg**Reconstitution** | For reconstitution add 0.55 ml of sterile water

Storage | Store lyophilized material at 2-8 °C. For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20 °C, to prevent loss of enzymatic activity. For example, if you have reconstituted 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 ml of glycerol. Such solution will not freeze in -20 °C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming.

Additional information | This antibody reacts with the heavy chains on human IgG + IgA + IgM, and the light chains on all human immunoglobulins based on immunoelectrophoresis.

Minimum cross-reactivity is observed to non-immunoglobulin human serum proteins based on immunoelectrophoresis.

Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 1% (w/v) BSA, Protease/IgG free and 0.1% (v/v) Kathon CG is used as preservative.

Application information**Recommended dilution** | 1 : 500-1 : 5000 (IHC), 1 : 10 000-1 : 50 000 (WB)

Selected references | [Wielkoszynski et al. \(2018\)](#). Novel diagnostic ELISA test for discrimination between infections with *Yersinia enterocolitica* and *Yersinia pseudotuberculosis*. *Eur J Clin Microbiol Infect Dis*. 2018 Dec;37(12):2301-2306. doi: 10.1007/s10096-018-3373-9.