Reagents, antibodies, and antigens, 9/14

At the AACC Show 2014

September 2014—The Binding Site announced an enhancement to its Rheumatoid Factor/Immunoglobulin-G Absorbent Reagent specifically designed for use in conjunction with infectious disease immunodiagnostic procedures. The RF/IgG Absorbent Reagent can now be used to equally test and analyze serum and plasma samples without compromising test results.

The RF/IgG Absorbent Reagent is formulated to remove both IgG and RF-IgM class molecules by preventing these bodily components from nonspecific binding within the test sample. This eliminates certain interference effects found with some immunodiagnostic assays, which are looking to quantitatively measure human antigen-specific IgM immunoglobulin concentrations. The reagent serves to enhance overall test specificity by reducing both the amount of false-positive test results from both native IgG components and native RF-IgM components.

In an exclusive arrangement with Arotec Diagnostics, The Binding Site announced the availability of a new Anti-Calprotectin (IgG) Antibody to its broad offering of clinical and research products. Derived and sourced from goat of New Zealand origin as the host species, with calprotectin purified from human neutrophils used as the immunogen, this novel antibody exhibits exceptional specificity, while demonstrating a product purity level in excess of 90 percent as assessed by SDS gel electrophoresis. Designed for use as a critical component in ELISA-based immunoassay and Western blot and test procedures, the product features exceptional shelf-life stability and lot-to-lot consistency. The antibody is available in a packaging format size of 1 × 1.0 mg, with customer-distinct and bulk packaging configurations also available.

Two new affinity-purified, sheep anti-human IgG antibodies, which are conjugated to fluorescein-isothiocyanate, have been added to the company's product offerings. Expressly designed for use with immunohistochemistry test procedures, the first antibody is an Anti-Human IgG–FITC conjugated antibody, while the other is an Anti-Human IgG (monkey adsorbed)–FITC conjugated antibody.

A highly purified, recombinant CENP-B antigen is now available. Designed for use as a critical component in ELISA-based test procedures, the antigen can be utilized to detect anti-centromere autoantibodies in human serum.

***The Binding Site**, 800-633-4484*