ForteBio Announces Launch of Protein G Biosensor for Use on Company's Octet® Instruments

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MENLO PARK, Calif., Sept. 3 /PRNewswire/ -- ForteBio®, Inc., a leading supplier of label-free technology that accelerates the development of biotherapeutic and pharmaceutical products, today announced the launch of its Dip and Read™ Protein G biosensor for rapid detection and quantification of numerous types of mammalian immunoglobulin (IgG), an antibody molecule, from solution. Because it runs on the company's label-free Octet instrumentation platform, the new biosensor enables such measurements with unprecedented speed, ease of use and cost-efficiency. The company also announced that it has completed International Standards Organization (ISO) certification of its biosensor manufacturing facility.

"Protein G uniquely binds to many mammalian IgGs, such as murine, goat, bovine and other IgGs, making it an important tool in antibody discovery, cell line development and production monitoring," said Christopher Silva, ForteBio's vice president of marketing. "Traditional IgG quantification methods for numerous species and subtypes using Protein G, however, are complicated, labor-intensive and time-consuming. Now, with ForteBio's new Protein G biosensor, researchers can obtain highly specific binding information in real time, in a cost-effective and easy-to-use manner." Mr. Silva also noted that the company's Protein G biosensor can be regenerated and reused, for increased workflow flexibility and cost-efficiency.

The new biosensor comes with recombinant Protein G pre-immobilized on the surface and is ready to use on ForteBio's Octet instruments. ForteBio's Octet platform is based on the company's proprietary BioLayer Interferometry (BLI) technology, which uses optical biosensors to measure multiple interactions in parallel, without the use of detection agents. The Octet platform consists of 8- and 16-channel instruments that accommodate 96- and 384-well assay formats. All Octet biosensors are designed to simplify kinetic characterization and q
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