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NEWS RELEASE

FOR IMMEDIATE RELEASE

ABR Launches New Mycoplasma Testing Services

Testing now available to detect Mycoplasma by USP, EP, and FDA PTC standards

Pullman, Washington, November 3, 2014— ABR (now a VMRD division) announced today the availability of new testing services that can detect the presence of mycoplasma in animal origin products, master virus seeds, and other sample types. The new services satisfy various regulatory standards including US Pharmacopoeia (USP), European Pharmacopeia (EP), and 1993 FDA Points to Consider.

"This is a very exciting development and represents a major milestone towards our goal of being a onestop-shop for the adventitious agent testing needs of our customers", said Dr. Richard Jones, Vice President of ABR.

Mycoplasmas and the related acholeplasmas are one of the smallest $(0.15 \text{ to } 0.3 \text{ }\mu\text{M})$ and self-replicating bacteria and are frequent contaminants of animal origin products. Mycoplasma contamination may be introduced into cell cultures or biological products through master virus seeds, master cell stocks, starting material of animal origin such as serum and trypsin, during passage of cells and virus, and in product assembly.

"Mycoplasma contamination can change the metabolism of cells, resulting in physical and chemical changes in the cell and potential production of unreliable and unsafe biologicals," said Jose Alcocer, Sr. Microbiologist. "It is essential that biological products be tested for mycoplasma contamination to assure consistency of production and final product safety."

The potential to test raw materials and other sample types by multiple standards gives ABR the ability to satisfy the needed requirements that vary based on specific customer and product types as well as planned usage of the material they are providing. Besides these new services, ABR offers mycoplasma testing to satisfy USDA 9CFR regulations and also provides an extensive list of other testing services for viruses and bacteria. ABR is the services division of VMRD.

For more information, contact ABR at 509-334-2968 or visit services.vmrd.com.

About VMRD: VMRD was founded in 1981 by D. Scott Adams, DVM, PhD, and currently employs approximately 50 researchers, lab technicians and support personnel. From its site in Pullman, WA VMRD develops and manufactures diagnostic test kits and related reagents for distribution in more than 55 countries. As a rapidly growing company VMRD strives to preserve its family focused culture and core values of integrity and quality. Its mission to provide high quality products, services and support for customers and a harmonious and rewarding work environment for employees reflects and enforces the company's market reputation for delivering best in class products with a uniquely personal touch. As a result of this clear focus VMRD has a global impact on improvements in animal welfare through the diagnostic laboratories, animal producers, government agencies and veterinarians who use its products.

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