



## **Veredus Laboratories' VerePLEX™ Biosystem Performing Biosurveillance for FIFA World Cup 2014**

**Singapore, 19 June 2014** – Veredus Laboratories Pte Ltd (“Veredus”), a leading provider of molecular detection tests announced today that VerePLEX™ Biosystem has been selected by the Brazilian civil security forces as a system to monitor and identify potential biological threats during the FIFA World Cup 2014. VerePLEX™ integrates two powerful molecular biological applications, Polymerase Chain Reaction (PCR) for DNA amplification and microarray technology for multiplexed detection, onto a Lab-on-Chip platform.

The VereThreat™ assay, together with the VerePLEX™ Biosystem platform, was developed to ensure that critical test results are obtained quickly and accurately in the event of potential biological threats for rapid and appropriate countermeasures can be taken. The assay is able to detect and identify with high accuracy and speed, four Category A biological agents, namely Anthrax, Plague, Tularemia, and Small Pox. With the successful validation by a prominent military bio-defence institute in the US, VereThreat™ is well-suited to be deployed at point-of-need locations such as stadiums and other competition venues, ports, border checkpoints, post offices, train stations, airports and military sites. This assay is one of several applications on Veredus' menu that will be used for bio-surveillance during the World Cup, which includes food and environmental testing.

“We are delighted that the VerePLEX™ Biosystem is being deployed for the FIFA World Cup 2014,” said Dr Rosemary Tan, Chief Executive Officer of Veredus.

“The Veredus technology has a broad range of applications that are suitable for testing in this type of high profile event,” said Cristiano Carioni, Chief Operating Officer of BioAmerica, the distribution partner in Brazil. “We hope to further broaden our collaboration and learning from this experience in preparation for the 2016 Olympics.”

“We are committed to having strong security measures in place for the 2014 FIFA World Cup including bio-surveillance,” said Lieutenant Colonel Alan Araujo, Brasilia CBRN Commander, Brasilia Firefighters, who selected the platform for this event. “We are confident that with this system in place we will be more prepared and able to uphold that commitment.”

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**About Veredus Laboratories Pte Ltd**

Veredus was founded in 2003 and launched its first products in 2005. Veredus specializes in the development, manufacture, and marketing of innovative multiplexed molecular solutions in the clinical, specialty, and custom testing markets based on STMicroelectronics' proprietary Lab-on-Chip platform. The Lab-on-Chip platform, marketed as the VerePLEX™ biosystem, combines Micro-Electro-Mechanical-Systems (MEMS) with micro-fluidics to integrate multiplexed DNA amplification with microarray detection for rapid, cost-effective, and accurate analysis of biological materials.

**About BioAmerica**

A security and defense company and a leader in CBRN industry in Brazil, BioAmerica Defense has been working in the last 2 years among the Brazilian community showing and providing the last word in terms of equipment and technology. We are proud to be part of several CBRN programs to support World Cup in Brazil and so helping Brazilian Armed Forces as Civilian and Military agencies to face the terrorist threat, all that with the best in terms of equipment in a global scenario. Working with worldwide leaders such as Northrop Grumman, Veredus, Lenco among others, BioAmerica Defense is also a leader in other defense areas such as armored trucks as robot.

***For further information, please contact:***

**Hazelle Lam**

Director, Sales and Marketing  
Veredus Laboratories Pte Ltd  
Mobile: +65 9431 3790  
Email: [hazelle.lam@vereduslabs.com](mailto:hazelle.lam@vereduslabs.com)

***For media enquiries, please contact :***

**Nalini Naidu**

Mobile : +65 9633 3198  
Email : [nalini.naidu@imgsg.sg](mailto:nalini.naidu@imgsg.sg)