



# Certificate of Analysis

## VetMAX™-Gold BVDV Detection Kit

Product No.: **4413938**  
 Lot No.: **1309026**  
 Expiration Date: **03 Jul 2014**

The VetMAX™-Gold BVDV Detection Kit is a USDA-licensed real-time PCR test for the detection of BVDV in cattle. The assay is a single-tube, real-time RT-PCR in which RNA is reverse transcribed into cDNA, and BVDV targets are amplified and detected in real time using fluorescent TaqMan® probes.

TEST		SPECIFICATION	RESULT	
Real-Time RT-PCR amplification of BVDV RNA transcript and Xeno™ RNA internal positive control.  (RNA transcript stocks quantified by UV spectrophotometry)	Low Potency sample 40 copies BVDV transcript per reaction	30.4-36.7 Ct	32.0 Ct	Pass
	Medium Potency sample 8000 copies BVDV transcript per reaction	22.4-27.8 Ct	26.4 Ct	Pass
	High Potency sample 800,000 copies BVDV transcript per reaction	14.0-21.5 Ct	19.9 Ct	Pass
	No Template Control sample 0 copies BVDV transcript per reaction	38.0 – 40.0 Ct	40.0 Ct	Pass
	BVDV RNA control 320 copies BVDV control per reaction	27.3-33.5 Ct	33.1 Ct	Pass
	XenoRNA control 160 copies XenoRNA control per reaction	30.7-37.2 Ct	34.0 Ct	Pass

*For Veterinary Diagnostic Use*

**USDA License No. 432** Austin, TX

**ISO 9001:2008  
 ISO 13485:2003  
 REGISTERED**

**Quality Assurance Manager**

To obtain a Certificate of Analysis on-line go to [www.lifetechnologies.com](http://www.lifetechnologies.com) or email us at [cofarequest@lifetech.com](mailto:cofarequest@lifetech.com)