Polyclonal Anti-Bovine Coronavirus, 440
(antiserum, Gnotobiotic calf)

**Catalog No. NR-2723**
This reagent is the property of the U.S. Government.

**Lot No. 63719715**

**Manufacturing Date:** 01APR2006

**For research use only. Not for human use.**

**Contributor:**
BEI Resources

**Manufacturer:**
Linda J. Saif, Ph.D., Food Animal Health Research Program, Ohio Agricultural Research and Development Center, Department of Veterinary Preventive Medicine, College of Veterinary Medicine, Ohio State University, Wooster, Ohio, USA

**Product Description:**
Antiserum to strain 440 of bovine coronavirus (BCoV) was produced by immunization of gnotobiotic calves with the virus. The antiserum was filter-sterilized.

**Material Provided:**
Each vial contains approximately 1 mL of gnotobiotic calf polyclonal antiserum to strain 440 of BCoV.

**Packaging/Storage:**
NR-2723 was packaged in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival.

**Functional Activity:**
- **Fluorescent Focus-Forming Neutralization Titer:** 15,000\(^1,2\)
- **Antigen-Capture ELISA Titer:** 65,536\(^+\)
- **Date of Last Test:** April, 2006

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Bovine Coronavirus, 440 (antiserum, Gnotobiotic calf), NR-2723.”

**Biosafety Level:** 1

**Disclaimers:**
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**References:**
1. The titer is expressed as the reciprocal of the highest dilution producing a reduction in focus-forming units equal to or greater than 80% compared to controls.
3. The titer is expressed as the reciprocal of the highest dilution with an absorbance value greater than or equal to the mean plus three standard deviations of the negative controls.

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