

IVD Technology[®]

For In Vitro Diagnostics Development & Manufacturing

Immunodiagnostic Products for Human and Animal Health Care

- Bulk Polyclonal Antisera
- Calibrators and Controls
- Contract Manufacturing
- Midland Quick Test Kits[®] for Calf and Foal
- Lateral Flow Device Development

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For more information please contact:

MBC MIDLAND BIOPRODUCTS
CORPORATION[®]

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Midland BioProducts Corporation®



is a world leading bulk manufacturer and wholesale distributor of antiserum against normal human serum proteins, and human serum calibrators & controls. MBC was established in 1987 as a subsidiary of



Nitto Boseki Company Ltd., Tokyo and currently operates out of three locations; 1) our Protein Chemistry laboratory in Scarborough, ME, (USA), 2) our animal facility in Boone, IA, (USA) and 3) our headquarter offices and manufacturing laboratories in Boone, IA.



The USDA licensed and NIH approved animal facilities are managed by our staff

veterinarian and house approximately 700 goats. A large goat herd and the capacity to manufacture in multi-liter quantities, give MBC a broad capability to meet a variety of custom specifications.

MBC's product list includes polyclonal antisera and calibrators to several medically important human proteins, in addition to bovine, equine, and porcine antisera, and specific calibrators and controls used in the Turbidimetric ImmunoAssay (TIA) industry worldwide.



In 1999, MBC expanded its product line to address the animal healthcare market with the introduction of assays to detect failure of passive transfer in newborn calves and foals. In 2004 MBC, in collaboration with the USDA, was able to establish bovine and equine reference standards for determining IgG levels in calves and foals.

MBC has applied the quality manufacturing

procedures and controls which are necessary for the manufacture of human diagnostic products, to the manufacture of assays used in animal healthcare. Our mission is to produce high quality, reliable, products for the animal producer, the animal health researcher and the veterinarian.



MBC's reputation as a producer and manufacturer of quality products for the human and animal health markets has led to the offering of complimentary contract antiserum production and contract assay development programs. MBC has partnered with other companies, universities and government entities to develop assays for screening of; 1) bovine colostrum quality, 2) contamination of industrially produced animal plasma powders, 3) bull fertility, 4) specialty cheese adulteration with non-specific milk sources, and 5) very low level C-Reactive Protein in human samples as a cardiac marker.



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Company Timeline

Established bovine and equine IgG reference standards for IgG in cooperation with the USDA	2004
Developed and marketed an on-site test for IgG in bovine colostrum	2002
Developed and marketed an on-site test for passive immunity in newborn foals	2001
New product award at the horse show Equitana USA, Louisville, KY	2000
Developed and marketed an on-site test for passive immunity in newborn calves	1998
TIA procedure developed as the gold standard for measuring bovine IgG levels	1997
Began development of bovine, equine, and porcine animal healthcare diagnostic assays	1995
Company expanded to new 15,000 sq ft office and laboratory facility, Boone, IA	1991
Established protein chemistry laboratory in Scarborough, Maine USA	1990
MBC started producing diagnostic grade goat antisera to human serum proteins	1988
Midland BioProducts Corporation® was founded in Boone, Iowa USA	1987

Any questions on this timeline, contact Customer Service at Midland BioProducts, 1-800-370-6367.