

	Disease	Country	Institution	Contact	Activities					
					Provide reference reagents	Provide diagnostic testing	Provide scientific and technical advice	Provide scientific and technical training	Other supports	Upcoming support
Terrestrial	Brucellosis (abortus)	China	<a href="#">National Reference Laboratory for Animal Brucellosis (NRLAB)</a> <a href="#">Department of Diagnostic Technology</a> <a href="#">China Institute of Veterinary Drug Control (IVDC)</a>	<a href="mailto:dingliabo@126.com">dingliabo@126.com</a>	<p>We are responsible for preparation, validation and distribution of various Brucella relevant national standard reagents and reference products. Our laboratory is the only institution in charge of providing and evaluating brucellosis-related materials as following</p> <ul style="list-style-type: none"> <li>• Brucellosis-positive standard serum,</li> <li>• National reference antigen for Brucellosis rose Bengal plate agglutination test</li> <li>• Antigen agglutination reference product for Brucellosis milk ring test</li> <li>• Brucella national standard ELISA positive sera</li> </ul>	<p>We have solid experience of diagnostic testing. A variety of techniques for detection of antigen and antibody of Brucella with high specificity and sensitivity have successfully been developed in our laboratory, including</p> <ul style="list-style-type: none"> <li>• Brucella isolation technique using selective media,</li> <li>• Nested-PCR</li> <li>• AMOS-PCR</li> <li>• Fluorescence Polarization Anisotropy (FPA)</li> <li>• Bengal Plate Agglutination Test</li> <li>• Indirect ELISA</li> <li>• Competitive ELISA</li> <li>• Brucella antibody detection strip, etc.</li> </ul>	<p>We have been committed to the development and application of new diagnostic technologies. Most of these diagnostic approaches have been well optimized and developed into kits for field testing, e.g.</p> <ul style="list-style-type: none"> <li>• Brucella abortus Indirect ELISA kit</li> <li>• Brucella melitensis Indirect ELISA Kit,</li> <li>• Competitive ELISA Antibody Detection Kit</li> <li>• Brucella Antibody Detection Strip</li> <li>• Brucella Fluorescence Polarization Anisotropy (FPA) Antibody Detection Kit</li> </ul>	<ul style="list-style-type: none"> <li>• A special training course on the prevention and control technology of brucellosis for provincial animal disease control and prevention every year</li> </ul> <p>So far, a total of around 20,000 persons have been trained.</p>		<ul style="list-style-type: none"> <li>• 2020 : Prompted by the success of 1st International Symposium on Brucellosis we organized and held in October 2018 in Beijing, we plan to organize the 2nd International Symposium on Brucellosis in Beijing from 18th to 25th of October, 2020. The conference will focus on academic seminars, laboratory on-site visiting, and communications with Chinese biological enterprises. Chinese and foreign brucellosis experts will be invited as Keynote Speakers. The experts will include OIE experts in brucellosis, decision-makers in the field of prevention and control of brucellosis in developed countries, leading experts in brucellosis research, and Chinese experts in brucellosis. The state-of-the-art technologies and experience will be shared. This conference will help promote the establishment of good international cooperation platforms, and enhance our ability to cooperate with relevant international organizations. In addition, research of pathogen of brucellosis, diagnostic technology, elimination, as well as experiences and lessons in joint prevention and control of brucellosis will also be discussed.</li> </ul>
Terrestrial		Korea	<a href="#">Brucellosis Laboratory, Bacteriology Division</a> <a href="#">Animal and Plant Quarantine Agency (APQA)</a> <a href="#">Ministry of Agriculture, Food and Rural Affairs (MAFRA)</a>	<a href="mailto:leji84@korea.kr">leji84@korea.kr</a>	<ul style="list-style-type: none"> <li>• Preparation, validation and distribution of various Brucella relevant national standard reagents and reference products as following</li> <li>• National standard reagent for Brucellosis rose Bengal plate agglutination test</li> <li>• National standard reagent for Brucellosis tube agglutination test</li> <li>• Multiplex PCR kit for 10 of Brucella reference strains and 3 of vaccine strains</li> <li>• National standard panel of true positive and negative sera from B. abortus-isolated cattle</li> </ul>	<ul style="list-style-type: none"> <li>• Brucella isolation technique using selective media</li> <li>• Multiplex PCR</li> <li>• Tube agglutination test</li> <li>• Rose Bengal plate agglutination test</li> <li>• Indirect ELISA</li> <li>• Competitive ELISA</li> <li>• Fluorescence Polarization Anisotropy (FPA), etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Consultation concerning various diagnostic tests and technical skills through email communication</li> </ul>	<p>International and national training course on the diagnosis and control technology of brucellosis through the workshop and international scientific studies in collaboration with OIE member countries every year</p>		
Terrestrial		Thailand	<a href="#">National Institute of Animal Health</a>	<a href="mailto:monayae@dld.go.th">monayae@dld.go.th</a> <a href="mailto:monayae@gmail.com">monayae@gmail.com</a>	<ul style="list-style-type: none"> <li>• National standard panel of positive and negative bovine sera</li> <li>• Secondary standard bovine serum for RBT, SAT and CFT</li> <li>• NIAH-Brucellosis I-ELISA (inhouse) kit</li> <li>• PCR (Bruce-ladder)</li> <li>• DNA of reference Brucella spp.</li> </ul> <p>*Some of reference reagent is needed to <b>prepare MTA and import permit</b> for shipment the material</p>	Yes	<ul style="list-style-type: none"> <li>• Consultation, Problem solving</li> </ul> <p>*Provided <b>through email communication</b></p>	<ul style="list-style-type: none"> <li>• On-site visiting/training</li> </ul> <p><b>*About 1 or 2 weeks</b> based on topics and request</p>		
					*It is needed to <b>request through OIE RRAP, Japan and/or Department of Livestock Development, Thailand</b> and copy to NIAH					
Terrestrial	Brucellosis (melitensis)	China	<a href="#">National Reference Laboratory for Animal Brucellosis (NRLAB)</a> <a href="#">Department of Diagnostic Technology</a> <a href="#">China Institute of Veterinary Drug Control (IVDC)</a>	<a href="mailto:dingliabo@126.com">dingliabo@126.com</a>	Same as Brucellosis (abortus)					
Terrestrial		Thailand	<a href="#">National Institute of Animal Health</a>	<a href="mailto:monayae@dld.go.th">monayae@dld.go.th</a> <a href="mailto:monayae@gmail.com">monayae@gmail.com</a>	Same as above "Brucellosis (abortus)"					
Terrestrial	Brucellosis (suis)	China	<a href="#">National Reference Laboratory for Animal Brucellosis (NRLAB)</a> <a href="#">Department of Diagnostic Technology</a> <a href="#">China Institute of Veterinary Drug Control (IVDC)</a>	<a href="mailto:dingliabo@126.com">dingliabo@126.com</a>	Same as Brucellosis (abortus)					