BRUCELLOSIS

Basis of diagnosis

Clinical criteria	
Fits clinical description	Select 'Yes' if the case fits the clinical description (frequently asymptomatic, acute illness with fever, arthralgia, headache, malaise, anorexia, constipation, respiratory tract symptoms and hepatosplenomegaly). If not, select the 'No' option. If not known or unavailable then select the 'Unknown' option.
Laboratory criteria	
Meets laboratory criteria for disease	Indicate if the case meets the laboratory criteria. If not, select the 'No' option. If not known or unavailable then select the 'Unknown' option. The laboratory confirmation requirements are given below in the 'Classification' section.
Laboratory confirmation results	Indicate the result of each laboratory confirmation method. If the laboratory test results were positive select the 'Yes' option, if negative select the 'No' option. If the results of the laboratory test are not yet available, select 'Awaiting Results'. If any of the laboratory tests were not carried out, select 'Not Done'.
Epidemiological criteria	
Contact with a laboratory confirmed source	Indicate whether the person has had any contact with a laboratory confirmed source of brucellosis. If not known or unavailable then select the 'Unknown' option.
Additional laboratory details	
Species	Specify the species of *Brucella* if known.

Classification

Classification	**Under investigation** – a case that has been notified but information is not yet available to classify it as probable or confirmed. **Probable** – a clinically compatible illness that is epidemiologically linked to a confirmed source. **Confirmed** – a clinically compatible illness that is laboratory confirmed. **Laboratory confirmation requires** at least one of the following: • isolation of Brucella species or detection of Brucella nucleic acid from a clinical specimen • a fourfold or greater rise in Brucella antibody titre (by SAT, ELISA, Coombs, IFA), between acute and convalescent phase serum specimens (SAT slide agglutinin test). Consider the possibility of cross-reactivity in the *Brucella* SAT test with antibodies in people infected with *Yersinia enterocolitica*, other yersiniae, cholera, tularaemia or certain serotypes of *Salmonella*, *Escherichia coli* and *Pseudomonas*. **Not a case** – a case that has been investigated and subsequently found not to meet the case definition.

Risk factors

Occupational exposure	Indicate whether the case had any occupational contact with animals or animal products in the three months prior to illness. If 'Yes', give details of the exposure. If not known or unavailable then select the 'Unknown' option. If 'Yes' to occupational exposure, specify if exposure was within New Zealand by selecting the 'Yes' option. If not, select the 'No' option, and if not known or unavailable then select the 'Unknown' option.
Consumption of unpasteurised milk	Indicate whether the case consumed unpasteurised milk or unpasteurised milk products in the three months prior to illness. If 'Yes', specify what was consumed. If not known or unavailable then select the 'Unknown' option. If 'Yes' consumption of unpasteurised milk, specify if exposure was within New Zealand by selecting the 'Yes' option. If not, select the 'No' option, and if not known or unavailable then select the 'Unknown' option.
Overseas travel	Indicate whether the case was overseas during the incubation period for brucellosis (5−60 days). If 'Yes', record the date of arrival in New Zealand. List the countries/regions visited (up to three) from the most recent to the least recent. Record date of entry and departure in each country/region.
Prior history of overseas travel	If the case has not been overseas during the incubation period (5−60 days) for brucellosis, indicate whether any prior history of overseas travel might account for the infection. If 'Yes', record details of this travel. If not known or unavailable then select the 'Unknown' option.
Other risk factor for brucellosis	Specify any other risk factors under surveillance for brucellosis if they were present.

Basis of diagnosis

Case management	
Reported to Ministry of Health for coordination of notification and investigation with MAF	*Brucella melitensis* is a notifiable disease under the Biosecurity Act 1993. Indicate whether the case was reported to the Ministry of Health for follow-up with the Ministry for Primary Industries (formerly the Ministry of Agriculture and Forestry, MAF).