

LEGIONELLOSIS

Basis of Diagnosis

CLINICAL CRITERIA

Fits clinical description	<p>Tick "Yes" if the case fits the clinical description as follows:</p> <p>An acute febrile illness most commonly presenting as pneumonia, it is often a multi-system disease.</p>
Clinical features	<p>Ideally, obtain information on all of the clinical features listed. If the feature was present, record by ticking the "Yes" box. If not, tick the "No" box. If not known or unavailable then tick the "Unknown" box.</p>

LABORATORY CRITERIA

Laboratory criteria	<p>Indicate if the case meets the laboratory criteria. If not, tick the "No" box. If not known or unavailable then tick the "Unknown" box.</p>
Laboratory confirmation	<p>Indicate the status of laboratory confirmation. If the laboratory test results were positive tick the "Yes" option, if negative tick the "No" option. If the results of the laboratory test are not yet available, tick "Awaiting results". If any of the laboratory tests were not carried out, tick "Not Done".</p>
STATUS	<p>Under investigation - A case which has been notified but information is not yet available to classify it as probable or confirmed.</p> <p>Probable - A clinically compatible illness with a <i>Legionella</i> titre of >256.</p> <p>Confirmed - A clinically compatible illness with :</p> <ul style="list-style-type: none"> • isolation of <i>Legionella</i> species from lung tissue, respiratory secretions, pleural fluid, blood or other tissues <p>OR</p> <ul style="list-style-type: none"> • demonstration of <i>Legionella</i> species antigens in lung tissue, respiratory secretions or pleural fluid <p>OR</p> <ul style="list-style-type: none"> • a fourfold or greater rise in IFA titre against <i>Legionella</i> species to ≥ 128 <p>OR</p> <ul style="list-style-type: none"> • a stable high <i>Legionella</i> titre ≥ 512 in convalescent phase serum. <p>Not a case - A case that has been investigated, and has subsequently been shown not to meet the case definition.</p>

ADDITIONAL LABORATORY DETAILS	
Species	Specify species of <i>Legionella</i> if known.
Serogroup	Specify serogroup if known.
Risk Factors	
Environmental sources of infection	Indicate whether the case has had contact with an identified environmental source of infection during the incubation period (2-10 days). Potential sources include: hot water systems (eg, showers), air conditioning, cooling towers, evaporative condensers, humidifiers, whirlpool spas, respiratory therapy devices, decorative fountains, and compost. If "Yes" specify the details.
Overseas travel	Indicate whether the case was overseas during the incubation period for the disease (range = 2-10 days). If not known or unavailable then tick the "Unknown" box.
Does case smoke cigarettes	Indicate whether the case is a cigarette smoker. If "Yes", specify how many cigarettes per day. If not known or unavailable then tick the "Unknown" box.
Immunosuppression/debilitating condition	Indicate whether the case suffers from immunosuppression or a debilitating condition. If "Yes", specify the condition. If not known or unavailable then tick the "Unknown" box.
Other risk factor for legionellosis	Specify any other risk factors under surveillance for legionellosis if they were present.
Source	
Confirmed source	Indicate whether a source was confirmed by epidemiological evidence eg, part of an identified common source outbreak (also record in outbreak section) or person to person contact with a known case. If not known or unavailable then tick the "Unknown" box.
a) epidemiological evidence	
b) laboratory evidence	Indicate whether a source was confirmed by laboratory evidence eg, organism or toxin of same type identified in food or drink consumed by the case. If "Yes" specify the confirmed source. If not known or unavailable then tick the "Unknown" box.
Probable source	If no confirmed source, indicate whether a probable source was identified. If "Yes" specify the probable source. If not known or unavailable then tick the "Unknown" box.