

## **TR15 – Tuberculosis Test Types and Sam Codes: What to use and when (England)**

Any Official Veterinarians (OV's) who are not registered to use the Sam computer system, should ensure that a visit **notification form (NV1)** is completed to notify the relevant payment agency of any arranged **herd TB Tests**. This will enable them to combine Cattle Identification Inspections (CII) visits where possible. This does **not** apply for tests on **individual animals**. All herd TB Tests undertaken by Animal Health and Veterinary Laboratories Agency (AHVLA) staff and OV's registered to use Sam will be notified to the relevant payment agencies by a centrally produced report.

<b>Active Surveillance</b>					
<b>Type of Test &amp; Code When and Why</b>	<b>What to Test</b>	<b>Setting Next Due Date</b>	<b>Overdue Testing procedures apply?</b>	<b>Auto TNL?</b>	<b>Full Purpose name (Short name – only visible in Worklists and Workbaskets)</b>
<p><b>New Herd Check Test - CT-NH1</b></p> <p>Test carried out when a new or reformed herd has been identified, within 12 months of arrival of the first animal. Reformed herds following depopulation for TB reasons will require a second check test (CT-NH2) after 12 months, all other herds will revert to routine testing in line with the parish testing interval for that holding.</p>	All bovines except calves under 6 weeks of age	Veterinary discretion. Usually 12 months from arrival of 1 <sup>st</sup> bovine animal.	Yes	Yes	CT-NH1 TB Skin Test - Enhanced Surveillance 12M (TB Check Test New Herd 1)
<p><b>2<sup>nd</sup> New Herd Check Test - CT- NH2</b></p> <p>Test carried out 12 months after a VE-CT-NH1 test on reformed herds following depopulation for TB reasons.</p>	All bovines except calves under 6 weeks of age	12 months from the previous due date for a CT-NH1	Yes	Yes	CT-NH2 TB Skin Test - Enhanced Surveillance (TB Check Test New Herd 2)
<p><b>Routine Herd Test - RHT24/36 or RHT48</b></p> <p>Carried out in parishes with a 24, 36 or 48-month testing interval.</p>	<ul style="list-style-type: none"> <li>• Breeding bulls, (i.e. entire male animals over 12 months of age, unless exempted by the RVL)</li> <li>• Females which have calved</li> <li>• Young bovines which will be used for breeding and purchased since the last herd test (except calves under 6 weeks of age)</li> <li>• Pet cows and other non-commercial cattle resident on the holding</li> </ul>	24, 36 or 48 months from the previous due date	Yes	Yes	VE-RHT TB Skin Test - Enhanced Surveillance 24 / 36M (TB Routine Herd Test 24/36 Mth)  VE-RHT TB Skin Test - Surveillance 48M (TB Routine Herd Test 48 Month)

<p><b>Whole Herd Test - WHT</b> Carried out routinely every 12 months in annual testing parishes and in individual herds requiring annual testing, e.g. producer-retailer dairy herds, bull hirers, heifer rearers, city/open farms, AI centres, etc. Can also be carried out via RVL discretion in 36 or 48 month parishes.</p>	<p>All bovines except calves under 6 weeks of age</p>	<p>12 months from the previous due date</p>	<p>Yes</p>	<p>Yes</p>	<p>WHT TB Skin Test - Enhanced Surveillance 12M (TB Whole Herd Test 12 Month)</p>
<p><b>Whole Herd Test (2 Yearly)- WHT2</b> Carried out routinely every 24 months in biennial testing parishes at the RVL's discretion for epidemiological reasons. Can also be carried out via RVL discretion in 36 or 48 month parishes.</p>	<p>All bovines except calves under 6 weeks of age</p>	<p>24 months from the previous due date</p>	<p>Yes</p>	<p>Yes</p>	<p>WHT2 TB Skin Test - Enhanced Surveillance 24M (TB Whole Herd Test 24 Month)</p>
<p><b>Inconclusive Reactor Retest - IR</b> Carried out on inconclusive reactors identified at an earlier test. To be conducted at least 60 days later. Currently, one retest of the same IR animal is permitted.</p>	<p>Individual animals</p>	<p>60 days from the previous skin test that identified the animal as an IR</p>	<p>Yes</p>	<p>Yes</p>	<p>IR TB Skin Test - Investigation &amp; Intervention (TB Inconclusive Reactor Test)</p>
<p><b>Short Interval Test - SI</b> Carried out 60 days after removal (or effective isolation) of the last reactor, or following confirmation of disease whilst the herd is under TB movement restriction.  In OTFS (2) or OTFW breakdowns, if there are no reactors or IRs at the first SI test carried out, the subsequent SI test should be carried out a minimum of 60 days from the TT1 date of the previous test.</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>60 days from the date of removal/isolation of reactors/ 60 days from TT1 date of previous test</p>	<p>Yes</p>	<p>Yes</p>	<p>SI TB Skin Test - Investigation &amp; Intervention (TB Short Interval Test)</p>

<p><b>Partial Short Interval Test - PSI</b></p> <p>Carried out 60 days after removal (or effective isolation) of the last reactor, or following confirmation of disease whilst the herd is under TB movement restriction.</p> <p>In OTFS (2) or OTFW breakdowns, if there are no reactors or IRs at the first SI test carried out, the subsequent SI test should be carried out a minimum of 60 days from the TT1 date of the previous test.</p> <p>To be used for the main herd when delayed testing has been authorised for a group of low risk cattle away at grass keep.</p> <p>It must be used in conjunction with Delayed Test Group (DTG) below.</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>60 days from the date of removal/isolation of reactors/ 60 days from TT1 date of previous test</p>	<p>Yes</p>	<p>Yes</p>	<p>PSI TB Skin Test - Investigation &amp; Intervention (TB Partial Short Interval Test)</p>
<p><b>Delayed Testing Group - DTG</b></p> <p>To be used for a group of low risk cattle away at grass keep, following a VRA and authorisation.</p> <p>It must be used in conjunction with Partial Short Interval Test (PSI) above.</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>As established when authorisation was granted after relevant VRA.</p>	<p>Yes</p>	<p>Yes</p>	<p>DTG TB Skin Test - Investigation &amp; Intervention (TB Delayed Test Group)</p>
<p><b>Approved Segregated Group - ASG</b></p> <p>To be used for the testing of restricted isolated rgroups of cattle within a breakdown or non breakdown herd at RVL discretion.</p> <p>It should only be used to identify these groups from other ongoing testing on the premises i.e. SIs (breakdown herds) or other (non breakdown herds)</p>	<p>All bovines in the group, as agreed by Case Vet. Any calves born in isolation will need to be tested.</p>	<p>60 days from TT1 date of previous test</p>	<p>Yes</p>	<p>Yes</p>	<p>ASG TB Skin Test - Investigation &amp; Intervention (TB Approved Seg. Group Test)</p>

<p><b>Check Test - CT(I&amp;I)</b> Carried out outside the normal testing frequency for the herd, to determine its disease status when there is a suspicion of infection.</p> <p>Following, for instance:</p> <ul style="list-style-type: none"> <li>• voluntary slaughter of an IR identified in an IR-only herd</li> <li>• Identification of a clinical case of TB</li> <li>• Disclosure of lesions suggestive of TB at a slaughterhouse, knackers yard, hunt kennel, VLA regional lab, etc.</li> </ul> <p>Identification of reactors at a routine herd test that included adults only</p> <ul style="list-style-type: none"> <li>• For any other reason at the RVL's discretion</li> </ul>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>Veterinary discretion. Ideally as soon as possible.</p>			<p>CT TB Skin Test - Investigation &amp; Intervention (TB Check Test (I&amp;I))</p>
<p><b>Check Test - CT(EM)</b> Carried out outside the normal testing frequency for the herd, to determine its disease status when there is a suspicion of infection. Following, for instance</p> <ul style="list-style-type: none"> <li>• Back tracing of OTFW reactors found in another herd</li> </ul>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>Veterinary discretion. Ideally as soon as possible.</p>	<p>Yes</p>	<p>Yes</p>	<p>CT TB Skin Test – Exposure Mitigation (TB Check Test (EM))</p>

<p><b>Gamma Interferon Test IFN LOW IN, IFN PERSI, IFN NSR, IFN SLHERD &amp; IFN ANOM</b></p> <p>In-vitro blood test for bovine TB, used to supplement the intradermal tuberculin test in a range of situations. The test is carried out on RVL instruction on eligible TB incidents where certain criteria are met.</p>	<p>All bovines over 6 months of age.</p>	<p>Blood samples taken by AHVLA staff at any time except the 3-day period between TT1 and TT2. Additional IFN tests may be required depending on the circumstances.</p>	<p>No</p>	<p>No</p>	<p>IFN OTFW TB Breakdown in Lower TB Incidence Area - Investigation &amp; Intervention (IFN Lower Incidence)</p> <p>IFN OTFW Herd with Persistent Infection - Investigation &amp; Intervention (IFN Persistent Inf )</p> <p>IFN Non - Specific Reactor Herd - Investigation &amp; Intervention (IFN Non Specific R)</p> <p>IFN Whole or Partial Slaughter of Reactor Herds - Investigation &amp; Intervention IFN P/W Herd S'hter)</p> <p>IFN Anomalous Reactions Procedure (IFN Anomalous Reactions)</p>
<p><b>Contiguous Herd Test - CON</b></p> <p>Carried out on herds contiguous to OTFW herds outside their regular test frequency.</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>Immediate if last test was more than 6 months ago otherwise usually 2-3 months from identification.</p>	<p>Yes</p>	<p>Yes</p>	<p>CON TB Skin Test - Exposure Mitigation (TB Contiguous Test)</p>
<p><b>Contiguous Herd Test (12M) - CON12</b></p> <p>Carried out 12 months after a CON</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>12 months from the previous due date for the clear CON</p>	<p>Yes</p>	<p>Yes</p>	<p>CON12 TB Skin Test - Enhanced Surveillance 12M (TB Contiguous 12 month Test)</p>
<p><b>Six Month Test - 6M</b></p> <p>Carried out 6 months from the date of the clear short interval test which led to the lifting of restrictions except in OTFS herds in 3 or 4 yr PTIs</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>7/8m after breakdown restrictions have been lifted</p>	<p>Yes</p>	<p>Yes</p>	<p>6M TB Skin Test - Enhanced Surveillance 6M (TB 6 Month Test)</p>

<p><b>Twelve Month Test - 12M</b></p> <p>Carried out 12 months after VE-6M if that test was clear. Or 6-12 months after the last VE-SI of a breakdown with unconfirmed disease in 3-4 yearly testing parishes</p>	<p>All bovines except calves under 6 weeks old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>12 months from the previous due date for the clear VE-6M</p>	<p>Yes</p>	<p>Yes</p>	<p>12M TB Skin Test - Enhanced Surveillance 12M (TB 12 Month Test)</p>
<p><b>TB Unit Test - TBU</b></p> <p>Test carried out every 90 days on Approved Finishing Units (AFU's) with grazing or every 6 months on AFU's without grazing. (This is the former VE-90D)</p>	<p>All bovines</p>	<p>90 days/ 6 months</p>	<p>No</p>	<p>Yes</p>	<p>TBU TB Skin Test - Investigation &amp; Intervention (TB Unit Test)</p>
<p><b>1<sup>st</sup> Potential Hotspot Check Test - CT-HS1</b></p> <p>Test carried out if a holding is within a 3km radius of an incident, which triggers a potential hotspot area.</p>	<p>All bovines except calves under 6 weeks of age</p>	<p>Veterinary discretion. Usually 2-3 months from identification.</p>	<p>Yes</p>	<p>Yes</p>	<p>CT-HS1 TB Skin Test - Enhanced Surveillance (TB Check Test Hot Spot 1)</p>
<p><b>2<sup>nd</sup> Potential Hotspot Check Test – CT-HS2</b></p> <p>Test carried out 12 months after the CT-HS1 test.</p>	<p>All bovines except calves under 6 weeks of age</p>	<p>12 months from the previous due date for a CT-HS1</p>	<p>Yes</p>	<p>Yes</p>	<p>CT-HS2 TB Skin Test - Enhanced Surveillance 12M (TB Check Test Hot Spot 2)</p>

<b>Tests on Individual Animals</b>					
<b>Type of Test &amp; Code When and Why</b>	<b>What to Test</b>	<b>Setting Next MF Date</b>	<b>Zero Tolerance applies?</b>	<b>Auto TNL</b>	<b>Purpose name</b>
<p><b>Traced Bovine Test - TR</b></p> <p>Test of bovines that have moved from OTFW herds prior to service of restrictions.</p>	Individual animals	<p>If animal has been tested within 9 week target, due date is 30 working days from 120 day date or the date of identification whichever is the latest.</p> <p>If animal needs test in order to meet 9 week target date, due date is 30 working days from date of identification</p>	Yes	Yes	TR TB Skin Test - Exposure Mitigation (TB Tracing Test)
<p><b>Private TB test - PRI</b></p> <p>A test commissioned and paid for by the owner and carried out by an OV with the RVLs agreement.</p>	Individual animals	N/A	N/A	No	PRI TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB Private Test)
<p><b>Pre-Movement Test - PRMT</b></p> <p>This code is to be used for a pre-movement test to be carried out in 60 days or less prior to movement of an animal(s) from a 1 or 2 yearly tested herd.</p>	Individual animals	N/A	N/A	No	PRMT TB Skin Test - Enhanced Surveillance PRMT (TB Pre-Movement Test)
<p><b>Post-Movement Test - POSTMT</b></p> <p>This code is to be used for a post-movement test to be carried out in circumstances where cattle have been moved into a holding without a required pre-movement test.</p>	Individual animals	60 days after the identification that no test has been carried out.	Yes	Yes	POSTMT TB Skin Test - POSTMT - Investigation & Intervention (TB Post Movement Test)

<b>Export Test - EX</b> Test on cattle exported from Great Britain.	Individual animals	N/A	N/A	No	EX TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB Export Test)
<b>Post Import (Irish) Test - PII</b> Test on cattle imported from Northern Ireland and the Republic of Ireland 60 days after arrival.	Individual animals	60 days after import (earliest start date) plus 60 days (due date).	Yes	Yes	PII TB Skin Test - Enhanced Surveillance (TB Post Irish Import Test)
<b>Post Import (Other) Test - PIO</b> Carried out post-import as prescribed by the conditions of the import license.	Individual animals	According to the conditions of the import license	Yes	Yes	PIO TB Skin Test - Enhanced Surveillance (TB Post Import Test)
<b>Test for AI Purposes - AI</b> Carried out on bulls, teasers and embryo donors prior to admission to an Artificial Insemination Centre.	Individual animals	According to veterinary need	No	No	AI TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB AI Centre Test)

The Animal Health and Veterinary Laboratories Agency is an Executive Agency of the Department for Environment, Food and Rural Affairs working across Great Britain on behalf of Defra, the Scottish Government and Welsh Government