



## Tuberculosis Test Types and Sam Codes: What to use and When (England) (TR15)

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 and Plant Health Agency (APHA) 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>Note:</b> For all test types - any animals that have been tested in the 60 days prior to the TT1 date must be excluded from the test.							
<b>Type of Test and Sam Code When and Why</b>	<b>What to Test</b>	<b>Setting Next Testing Window</b>	<b>Overdue Testing procedures apply?</b>	<b>Auto TNL?</b>	<b>Full Purpose name (Short name – only visible in Worklists and Workbaskets)</b>	<b>Can the LACD be delayed due to COVID-19? (upon request to APHA)</b>	<b>Can the next test be scheduled if bovines under 180 days old were not tested due to COVID-19 social distancing?</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 area testing interval for that holding.</p>	All bovines except calves under 42 days of age	<p>Veterinary discretion. Usually 12 months from arrival of first bovine animal.</p> <p>Testing window 60 days</p>	Yes	Yes	CT-NH1 TB Skin Test - Enhanced Surveillance 12M (TB Check Test New Herd 1)	Yes, by <b>one</b> month only	Yes
<p><b>Second New Herd Check Test - CT- NH2</b></p> <p>Test carried out 12 months after a CT-NH1 test on reformed herds following depopulation for TB reasons.</p>	All bovines except calves under 42 days of age	<p>Latest Activity Completion Date 12 months from the previous Latest Activity Completion Date for a CT-NH1</p>	Yes	Yes	CT-NH2 TB Skin Test - Enhanced Surveillance (TB Check Test New Herd 2)	Yes, by <b>one</b> month only	Yes

		Testing window 60 days					
<p><b>Routine Herd Test - RHT48</b></p> <p>Carried out in parishes with a 48 month testing interval.</p>	<p>The following categories of animals must be included in all RHTs, unless specifically exempted by the Veterinary Head of Field Delivery (VHoFD):</p> <ul style="list-style-type: none"> <li>• breeding bulls (i.e. entire male animals over 12 months of age)</li> <li>• females which have calved</li> <li>• young bovines which will be used for breeding whether they are home-bred or purchased (except calves under 42 days old)</li> <li>• pet cows and other non-commercial cattle resident on the holding</li> </ul>	<p>Latest Activity Completion Date 48 months from the previous Latest Activity Completion Date</p> <p>Testing window 90 days</p>	Yes	Yes	RHT TB Skin Test - Surveillance 48M (TB Routine Herd Test 48 Month)	Yes, by <b>two</b> months only	Yes
<p><b>Whole Herd Test - WHT</b></p> <p>Carried out routinely every 12 months in annual testing areas and in individual herds requiring annual testing, e.g. producer-retailer dairy herds, bull hirers, heifer rearers, city/open farms, AI centres, etc.</p>	<p>All bovines except calves under 42 days of age</p>	<p>Latest Activity Completion Date 12 months from the previous Latest Activity Completion Date</p> <p>Testing window 60 days</p> <p>Cheshire Edge Area only: Latest Activity</p>	Yes	Yes	WHT TB Skin Test - Enhanced Surveillance 12M (TB Whole Herd Test 12 Month)	Yes, by <b>one</b> month only	Yes

<p>Can also be carried out via VHoFD discretion in 48 month testing areas.</p> <p>Certain counties and part counties of Edge Area only - WHT is the Unit Monitoring Regime (UMR) but carried out every six months.</p>		<p>Completion Date six months from the previous Latest Activity Completion Date Test window four to six months</p>					
<p><b>Inconclusive Reactor Retest - IR</b></p> <p>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>Earliest Activity Start Date 60 days from TT1 of the skin test that identified the animal as an IR</p> <p>Testing window 30 days</p>	<p>Yes</p>	<p>Yes</p>	<p>IR TB Skin Test - Investigation and Intervention (TB Inconclusive Reactor Test)</p>	<p>No, unless the herd is already restricted. In this case the farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p><b>No</b></p>
<p><b>Short Interval Test - SI</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. Both tests immediately following</p>	<p>All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group</p>	<p><b>Reactors Disclosed</b></p> <p>Earliest Activity Start Date 60 days from the date of removal of last reactor</p> <p><b>Clear or IRs only</b></p> <p>Earliest Activity Start Date 60 days from TT1 date of previous test</p> <p>Testing window 30 days</p>	<p>Yes</p>	<p>Yes</p>	<p>SI TB Skin Test - Investigation and Intervention (TB Short Interval Test)</p>	<p>Farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p>Dependent on the results of tested animals</p>

<p>a disclosing test with reactors will be read at severe interpretation. OTFS herds (Low Risk Area (LRA) only) need only one clear SIT at standard interpretation before lifting restrictions.</p>							
<p><b>Partial Short Interval Test - PSI</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. To be used for the main herd when delayed testing has been authorised for a group of low risk cattle away at grass keep. It must be used in conjunction with Delayed Test Group (DTG) below.</p>	<p>All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group</p>	<p><b>Reactors Disclosed</b> Earliest Activity Start Date 60 days from the date of removal of last reactor  <b>Clear or IRs only</b> Earliest Activity Start Date 60 days from TT1 date of previous test  Testing window 30 days</p>	<p>Yes</p>	<p>Yes</p>	<p>PSI TB Skin Test - Investigation and Intervention (TB Partial Short Interval Test)</p>	<p>Farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p>Dependent on the results of tested animals</p>
<p><b>Delayed Testing Group - DTG</b> To be used for a group of low risk cattle away at grass keep, following a VRA and authorisation. It must be used in conjunction with Partial Short Interval Test (PSI) above.</p>	<p>All bovines except calves 42 days 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.  Testing window 30 days</p>	<p>Yes</p>	<p>Yes</p>	<p>DTG TB Skin Test - Investigation and Intervention (TB Delayed Test Group)</p>	<p>Farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p>Dependent on the results of tested animals</p>

<p><b>Approved Segregated Group - ASG</b> To be used for TB Isolation Unit Testing Only</p>	<p>For all cattle licensed into the approved unit</p>	<p>Earliest Activity Start Date 60 days after movement of last animal into the unit.  Testing window 30 days</p>	<p>Yes</p>	<p>Yes</p>	<p>ASG TB Skin Test - Investigation and Intervention (TB Approved Seg. Group Test)</p>	<p>Farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p>Dependent on the results of tested animals</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. Following, for instance:  <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 <ul style="list-style-type: none"> <li>• disclosure of lesions suggestive of TB at a slaughterhouse, knackers yard, hunt kennel, regional lab, etc.</li> </ul> </li> <li>• identification of reactors at a routine herd test that included adults only</li> <li>• for any other reason at the VHoFDs discretion</li> </ul> </p>	<p>All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.</p>	<p>Earliest Activity Start Date five working days from date CT(I&amp;I) WS is created.  Testing window 30 days</p>			<p>CT TB Skin Test - Investigation &amp; Intervention (TB Check Test (I&amp;I))</p>	<p>Farmer can be informed that they have <b>one</b> more month to complete the test but do not change the test window</p>	<p>Dependent on the results of tested animals</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, back tracing of OTFW reactors found in another herd</p>	<p>All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group</p>	<p>Earliest Activity Start Date five working days from date CT(EM) WS is created  Testing window 60 days</p>	<p>Yes</p>	<p>Yes</p>	<p>CT TB Skin Test – Exposure Mitigation (TB Check Test (EM))</p>	<p>No</p>	<p>Dependent on the results of tested animals</p>

<p><b>Gamma Interferon Test IFN LOW IN, IFN PERSI, IFN NSR, IFN SLHERD and IFN ANOM</b></p> <p>In-vitro blood test for bovine TB, used to supplement the intradermal tuberculin test in a range of situations.</p> <p>The test is carried out on VHoFD instruction on eligible TB incidents where certain criteria are met.</p>	<p>All bovines over six months of age</p>	<p>Blood samples taken by APHA staff at any time except the three-day period between TT1 and TT2. Additional IFN tests may be required depending on the circumstances</p> <p>Testing window 80 days</p>	<p>No</p>	<p>No</p>	<p>IFN OTFW TB Breakdown in Lower TB Incidence Area - Investigation and Intervention (IFN Lower Incidence)</p> <p>IFN OTFW Herd with Persistent Infection - Investigation and Intervention (IFN Persistent Inf )</p> <p>IFN Non - Specific Reactor Herd - Investigation and Intervention (IFN Non Specific R)</p> <p>IFN Whole or Partial Slaughter of Reactor Herds - Investigation and Intervention (IFN P/W Herd S'hter)</p> <p>IFN Anomalous Reactions Procedure (IFN Anomalous Reactions)</p>	<p>N/A</p>	<p>N/A</p>
<p><b>Contiguous Herd Test - CON</b> Carried out on herds contiguous to OTFW herds outside their regular test frequency.</p>	<p>All bovines except calves under 42 days 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 six months ago otherwise usually two-three months from identification</p> <p>Testing window 60 days</p>	<p>Yes</p>	<p>Yes</p>	<p>CON TB Skin Test - Exposure Mitigation (TB Contiguous Test)</p>	<p>Yes, by <b>one</b> month only</p>	<p>Yes</p>
<p><b>Radial Herd Test (RAD)</b> Carried out on herds within a 3km radius of a herd with its Officially TB Free status withdrawn in the Low Incidence</p>	<p>All bovines except calves under 42 days old but this exemption will exclude herds where there is</p>	<p>Immediate unless clear herd test has been performed within previous 60 day</p> <p>Testing window 60 days</p>	<p>Y</p>	<p>Y</p>	<p>RAD TB Skin Test - Exposure Mitigation (TB RAD Test)</p>	<p>Yes, by <b>one</b> month only</p>	<p>Yes</p>

Area or in the Cheshire and Derbyshire Edge Area	suspicion that the calves could be affected						
<b>Radial Herd Test (RAD6)</b> Carried out six months after a RAD/Clear Herd Test in the Low Incidence Area or in the Cheshire and Derbyshire Edge Area	All bovines except calves under 42 days old but this exemption will exclude herds where there is suspicion that the calves could be affected	Latest Activity Completion Date eight months from the previous TT1 date of the RAD/Clear herd test (earliest test date will be at six months on Sam)  Testing window 60 days	Y	Y	RAD6 TB Skin Test - Enhanced Surveillance 6M (TB RAD six month test)	Yes, by <b>one</b> month only	Yes
<b>Radial Herd Test (RAD12)</b> Carried out 12 months after a RAD6 in the Low Incidence Area. <b>Not required in Cheshire and Derbyshire Edge Area as revert to routine annual testing</b>	All bovines except calves under 42 days old but this exemption will exclude herds where there is suspicion that the calves could be affected	Latest Activity Completion Date 14 months from the previous TT1 date of the RAD6 (earliest test date is at 12 months on Sam)  Testing window 60 days	Y	Y	RAD12 TB Skin Test - Enhanced Surveillance 12M (TB RAD 12 month test)	Yes, by <b>one</b> month only	Yes
<b>Six Month Test - 6M</b>  Carried out six months from the date of the clear short interval test which led to the lifting of restrictions. Not required in OTFS herds in four year testing areas.	All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group	Latest Activity Completion Date is seven months from the TT1 date of the clear SIT. Earliest test date is five months.  Testing window 60 days	Yes	Yes	6M TB Skin Test - Enhanced Surveillance 6M (TB six month test)	Yes, by <b>one</b> month only	Yes
<b>Twelve Month Test - 12M</b>  Carried out 12 months after 6M if that test was clear. Or six-12 months after the last SI of a breakdown with unconfirmed disease in four yearly testing areas	All bovines except calves under 42 days old but this exemption will exclude herds where there is an epidemiological risk of infection within this group.	Latest Activity Completion Date 12 months from the previous Latest Activity Completion Date for the clear 6M  Testing window 60 days	Yes	Yes	12M TB Skin Test - Enhanced Surveillance 12M (TB 12 month test)	Yes, by <b>one</b> month only	Yes
<b>TB Unit Test - TBU</b> Test carried out every 90 days on Approved Finishing Units (AFU's) with grazing.	All bovines	Earliest Activity Start Date 90 days from the Latest Activity	No	Yes	TBU TB Skin Test - Investigation and Intervention (TB Unit Test)	Farmer can be informed that they	Yes

(This is the former VE-90D)		Completion Date of the previous TBU test.  Testing window 30 days				have <b>one</b> more month to complete the test but do not change the test window	
<b>LRA (Pre-)sale TB CT - CT-LRA-SA</b> Voluntary herd tests carried out in four yearly testing herds meeting certain criteria at the owner's request <i>(Refer to list of test eligibility criteria)</i>	All bovines except calves under 42 days of age (but bovines under 180 days of age can be excluded if it is not possible to test them maintaining COVID-19 Social Distance requirements)	RHT 48 months from the TT1 date of the CT-LRA-SA  Testing window 90 days	No	No	Low Risk Area (Pre-)sale TB Check Test (LRA (Pre-)sale TB CT)	N/A, these are voluntary and do not trigger overdue testing	Yes
<b>1<sup>st</sup> Potential Hotspot Check Test - CT-HS1</b>  Test carried out if a holding is within a 3km radius of an incident, which triggers a potential hotspot area.	All bovines except calves under 42 days of age (but bovines under 180 days of age can be excluded if it is not possible to test them maintaining COVID-19 Social Distance requirements)	Veterinary discretion. Usually two-three months from identification.	Yes	Yes	CT-HS1 TB Skin Test - Enhanced Surveillance (TB Check Test Hot Spot 1)	Yes, by <b>one</b> month only	Yes
<b>Second Potential Hotspot Check Test - CT-HS2</b>  Test carried out 12 months after the CT-HS1 test.	All bovines except calves under 42 days of age (but bovines under 180 days of age can be excluded if it is not possible to test them maintaining COVID-19 Social Distance requirements)	Latest Activity Completion Date 12 months from the previous Latest Activity Completion Date for a CT-HS1	Yes	Yes	CT-HS2 TB Skin Test - Enhanced Surveillance 12M (TB Check Test Hot Spot 2)	Yes, by <b>one</b> month only	Yes



**Tests on Individual Animals**

<b>Type of Test and Code When and Why</b>	<b>What to Test</b>	<b>Setting Next Testing Date</b>	<b>Zero Tolerance applies?</b>	<b>Auto TNL?</b>	<b>Purpose name</b>	<b>Can the LACD be delayed due to COVID-19? (upon request to APHA)</b>	<b>Can test be considered complete if bovines under 180 days old were not tested due to COVID-19 social distancing?</b>
<b>Traced Bovine Test - TR</b> Test of bovines that have moved from OTFW herds prior to service of restrictions.	Individual animals	If animal has been tested within nine week target, due date is 30 working days from 120 day date or the date of identification whichever is the latest. If animal needs test in order to meet nine week target date, due date is 30 working days from date of identification	Yes	Yes	TR TB Skin Test - Exposure Mitigation (TB Tracing Test)	No	No
<b>Private TB test - PRI</b> A test commissioned and paid for by the owner and carried out by an OV with the VHoFDs agreement.  To be used for post-movement testing in the LRA by OVs until a new specific code is made available (not to be used when a required pre-movement test has not taken place – POSTMT should be used then)	Individual animals	N/A Post-movement test in the LRA should take place between 60 and 120 days of arriving to the LRA.  Testing window 21 days	N/A	No	PRI TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB Private Test)	N/A	No
<b>Pre-Movement Test - PRMT</b> This code is to be used for a pre-movement test to be carried out 60 days or less prior to movement of an animal(s) from an annually tested herd.	Individual animals	N/A  Testing window 21 days	N/A	No	PRMT TB Skin Test - Enhanced Surveillance PRMT (TB Pre-Movement Test)	N/A	No

<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> <p>(Not to be used for Post-movement test 60-120 days after arriving to the LRA. These should be recorded as POSTMOVVOV or POSTMOVNC, as applicable)</p>	Individual animals	<p>Latest Activity Completion Date' 60 days after the identification that no test has been carried out.</p> <p>Testing window 60 days</p>	Yes	Yes	POSTMT TB Skin Test - POSTMT - Investigation and Intervention (TB Post Movement Test)	No	No
<p><b>Post-Movement Test – POSTMOVVOV (formerly POSTLRAOV)</b></p> <p>To be used for post-movement testing from 60 days after arrival to the LRA by OVs.</p> <p>(Not to be used when a required pre-movement test has not taken place - POSTMT should be used then)</p>	Individual animals	Post-movement test should take place between 60 and 120 days of arriving to the LRA.	N/A	No	Post Movement TB Test England and Wales (POSTMOVVOV)	N/A	No
<p><b>Post-Movement Test - Non Compliance POSTMOVNC (formerly POSTLRANC)</b></p> <p>To be used for LRA post-movement testing in England by OVs as instructed by APHA when a breach has been disclosed</p> <p>(Not to be used when a required pre-movement test has not taken place - POSTMT should be used then)</p>	Individual animals	60 and 120 days of arriving to the to the LRA or within 30 days after the identification that a breach of Post-movement testing requirements have occurred (whichever is the later, instructed by APHA)	Yes	Yes	Post Movement TB Test England and Wales - Non Compliance (POSTMOVNC)	No	No

<b>Export Test - EX</b> Test on cattle exported from Great Britain.	Individual animals	N/A  Testing window 21 days	N/A	No	EX TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB Export Test)	N/A	No
<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	Earliest Activity Start Date 60 days after import  Testing window 60 days	Yes	Yes	PII TB Skin Test - Enhanced Surveillance (TB Post Irish Import Test)	No	No
<b>Post Import (Other) Test - PIO</b>	Individual animals	Earliest Activity Start Date 60 days after import  Testing window 60 days	Yes	Yes	PIO TB Skin Test - Enhanced Surveillance (TB Post Import Test)	No	No
<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  Testing window 21 days	No	No	AI TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB AI Centre Test)	N/A	No

APHA is an Executive Agency of the Department for Environment, Food and Rural Affairs and also works on behalf of the Scottish Government, Welsh Government and Food Standards Agency to safeguard animal and plant health for the benefit of people, the environment and the economy.