

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

Any Official Veterinarians (OVs) who are not registered to use the Sam computer system, should ensure that a visit **Notification Form (NV01)** 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 the Animal and Plant Health Agency (APHA) and OVs registered to use Sam will be notified to the relevant payment agencies by a centrally produced report.

| Active Surveillance | | | | | | |
|---|--|---|-----------------------------------|-----------|---|---|
| Type of Test and Sam Code When and Why | What to Test | Setting Next Testing Window | Overdue Testing procedures apply? | Auto TNL? | Purpose name (Short name – only visible in Worklists and Workbaskets) | Can the next test be scheduled if bovines under 180 days old were not tested due to COVID-19 social distancing? |
| New Herd Check Test - CT-NH1 Test carried out when a new or reformed herd has been identified, within 12 months of arrival of the first animal (within six months for herds in the IAA). 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 | All bovines except calves under 42 days of age | Veterinary discretion. Usually 12 months (six months for herds in the IAA) from arrival of first bovine animal onto the holding Testing window 60 days | Yes | Yes | CT-NH1 TB Skin Test - Enhanced Surveillance 12M (TB Check Test New Herd 1) | Yes |
| Second New Herd Check Test - CT- NH2 Test carried out 12 months after a CT-NH1 test on reformed herds following depopulation for TB reasons | All bovines except calves under 42 days of age | Latest Activity Completion Date 12 months after the previous Latest Activity Completion Date for a CT- NH1 Testing window 60 days | Yes | Yes | CT-NH2 TB Skin Test - Enhanced Surveillance (TB Check Test New Herd 2) | Yes |

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| <p>Whole Herd Test - WHT Carried out routinely every 12 months</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date 12 months after the Latest Activity Completion Date of the previous test</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>WHT TB Skin Test - Enhanced Surveillance 12M (TB Whole Herd Test 12 Month)</p> | <p>Yes</p> |
| <p>IA6 and IA12 Tests carried out on all herds within the Intensive Action Area (IAA) of Wales every six months. Test codes are alternated i.e. IA6 is used at six months, IA12 at twelve months, IA6 at 18 months</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date six months from the Latest Activity Completion Date of the previous IA6 or IA12 test</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>IA6 TB Skin Test - Enhanced Surveillance 6M (TB IA 6 Month Test)</p> <p>IA12 TB Skin Test - Enhanced Surveillance 12M (TB IA 12 Month Test)</p> | <p>Yes</p> |
| <p>Inconclusive Reactor Retest - IR Carried out on inconclusive reactors identified at an earlier test. To be conducted at least 60 days later</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>No</p> | <p>Yes</p> | <p>IR TB Skin Test - Investigation and Intervention (TB Inconclusive Reactor Test)</p> | <p>No</p> |
| <p>Short Interval Test - SI 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 OTFW breakdowns with no reactors or IR's 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</p> | <p>60 days from the date of removal/isolation of reactors/60 days from TT1 date of previous test</p> <p>Testing window 30 days</p> | <p>No</p> | <p>Yes</p> | <p>SI TB Skin Test - Investigation and Intervention (TB Short Interval Test)</p> | <p>Dependent on the results of tested animals</p> |

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| <p>Approved Segregated Group - ASG</p> <p>To be used for TB Isolation Unit testing. May occasionally be used for testing of restricted isolated groups of cattle within a breakdown or non breakdown herd at VLW 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 TB Isolation Unit or the group, as agreed by Case Vet. Any calves born in isolation will need to be tested</p> | <p>Earliest Activity Start Date</p> <p>60 days after:</p> <ul style="list-style-type: none"> • movement of last animal into the unit • removal (or effective isolation) of the last reactor, or <p>60 days from TT1 date of previous test</p> <p>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>Dependent on the results of tested animals</p> |
| <p>Check Test - CT(I&I)</p> <p>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"> • voluntary slaughter of an IR identified in an IR-only herd • Identification of a clinical case of TB • disclosure of lesions suggestive of TB at a slaughterhouse, knacker's yard, hunt kennel, VLA regional lab, etc. • identification of reactors at tests that included only part of the herd, e.g. TR, PRMT etc • for any other reason at the VLW's discretion | <p>All bovines.</p> <p>Calves under 42 days of age may be excluded where a low risk of infection in this age group has been identified</p> | <p>Usually immediate. Veterinary discretion in some cases. Where an immediate test is required the test window will open five working days from the date the test is scheduled</p> <p>Testing window 30 days</p> | <p>Yes</p> | <p>Yes</p> | <p>CT TB Skin Test - Investigation and Intervention (TB Check Test (I&I))</p> | <p>Dependent on the results of tested animals</p> |
| <p>Check Test - CT(EM)</p> <p>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"> • Back tracing of OTFW reactors found in another herd | <p>All bovines.</p> <p>Calves under 42 days of age may be excluded where a low risk of infection in this age group has been identified</p> | <p>Veterinary discretion. Ideally Earliest Activity Start Date five working days from date CT(EM) WS is created</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>CT TB Skin Test – Exposure Mitigation (TB Check Test (EM))</p> | <p>Dependent on the results of tested animals</p> |

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| <p>Gamma Interferon Test e.g. IFN LOW IN, IFN PERSI, IFN NSR, IFN SLHERD, IFN AN & IFN 2x IR etc 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 VLW 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>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 Recurrent TB Breakdown – Investigation and Intervention (IFN Recurent TB Breakdown)</p> <p>IFN Anomalous Reactions Procedure (IFN Anomalous Reactions)</p> <p>IFN TB Test 2xIR - Investigation & Intervention (IFN 2xIR Inves/Inter)</p> <p>IFN TB Test Severe IR - Investigation & Intervention (IFN Severe IR)</p> <p>IFN TB Test Severe IR Exit Strategy - Investigation & Intervention (IFN Severe IR Exit Strategy)</p> | <p>N/A</p> |
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| <p>Contiguous Herd Test - CON Carried out on herds contiguous to OTFW herds outside their regular test frequency</p> | <p>All bovines except calves under 42 days of age</p> | <p>Immediate if last test was more than four months ago. If last test was less than four months ago, Latest Activity Completion Date of six months after last test</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</p> |
| <p>Contiguous Herd Test (6M) - CON6 Carried out at the VLW's discretion six months after a CON</p> <p>In Intermediate TB Area (North) CON6 is repeated once</p> <p>Not used in the IAA, CON test is followed by a IA6</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date six months after initial CON is completed</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>CON6 TB Skin Test - Enhanced Surveillance 6M (OV) (TB Contiguous six month Test)</p> | <p>Yes</p> |
| <p>Contiguous Herd Test (12M) - CON12 Carried out 12 months after a CON or CON6 (if the latter has been carried out)</p> <p>Not used in the IAA, CON test is followed by a IA6</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date 12 months after the Latest Activity Completion Date of the previous CON or CON6</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>CON12 TB Skin Test - Enhanced Surveillance 12M (TB Contiguous 12 month Test)</p> | <p>Yes</p> |
| <p>Six Month Test - 6M Carried out six months from the date of the clear short interval test which led to the lifting of restrictions</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date six months from the TT1 date of the clearing SIT</p> <p>Testing window 60 days</p> | <p>Yes</p> | <p>Yes</p> | <p>6M TB Skin Test - Enhanced Surveillance 6M (TB six Month Test)</p> | <p>Yes</p> |
| <p>Twelve Month Test - 12M Carried out 12 months after 6M if that test was clear</p> | <p>All bovines except calves under 42 days of age</p> | <p>Latest Activity Completion Date is 12 months from the Latest Activity Completion Date of a clear 6M</p> | <p>Yes</p> | <p>Yes</p> | <p>12M TB Skin Test - Enhanced Surveillance 12M (TB 12 Month Test)</p> | <p>Yes</p> |

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| | | Testing window 60 days | | | | |
| TB Unit Test - TBU Test carried out every six months on Approved Finishing Units (AFU) and Licensed Finishing Units (LFU) (This is the former VE-90D) | AFUs - All bovines except calves under 180 days of age unless a disease risk is identified in this age group LFUs - All bovines except calves under 42 days of age | Latest Activity Completion Date six months from the Latest Activity Completion Date of the previous TBU test. Testing window 30 days | Yes | Yes | TBU TB Skin Test - Investigation and Intervention (TB Unit Test) | Yes |

Passive Surveillance

Tests on Individual Animals

| Type of Test Sam Code When and Why | What to Test | Setting Next Testing Date | Zero Tolerance applies? | Auto TNL? | Purpose | Can test be considered complete if bovines under 180 days old were not tested due to COVID-19 social distancing? |
|--|--------------------|--|-------------------------|-----------|---|--|
| Traced Bovine Test - TR 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 Testing window 42 working days | Yes | Yes | TR TB Skin Test - Exposure Mitigation (TB Tracing Test) | No |

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| <p>Private TB Test - PRI A test commissioned and paid for by the owner and carried out by an OV with VLW agreement</p> | Individual animals | N/A Testing window 21 days | N/A | No | PRI TB Skin Test - Private (Non PRMT) - Enhanced Surveillance (TB Private Test) | No |
| <p>Pre-Movement Test - PRMT 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 (or more frequently) tested herd</p> | Individual animals | N/A Testing window 21 days | N/A | No | PRMT TB Skin Test - Enhanced Surveillance PRMT (TB Pre-Movement Test) | No |
| <p>Post-Movement Test - POSTMT 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. (Not to be used for Post-movement test 60-120 days after arriving. These should be recorded as POSTMOVVOV or POSTMOVNC, as applicable)</p> | Individual animals | 60 days after the identification that no test has been carried out Testing window 60 days | Yes | Yes | POSTMT TB Skin Test - POSTMT - Investigation and Intervention (TB Post Movement Test) | No |
| <p>Post-Movement Test - POSTMOVVOV To be used for post-movement testing after 60 days by OVs. (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 within 60 and 120 days of arriving in the Low TB Area | N/A | No | Post Movement TB Test England and Wales (POSTMOVVOV) | No |
| <p>Post-Movement Test - Non Compliance POSTMOVNC To be used for Low TB Area post-movement testing in Wales by OVs as instructed by APHA when a breach has been disclosed (Not to be used when a required pre-movement test has not taken place - POSTMT should be used then)</p> | Individual animals | Within 60 and 120 days of arriving in the Low TB Area or within 30 days after the identification that a breach of Post-movement testing requirements has occurred (whichever is the later, instructed by APHA) | Yes | Yes | Post Movement TB Test England and Wales - Non Compliance (POSTMOVNC) | No |

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| Export Test - EX Test on cattle to be 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) | No |
| Post Import (Irish) Test - PII 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 |
| Post Import (Other) Test - PIO Carried out post-import as prescribed by operational instructions, on cattle imported from any country other than the Republic of Ireland (or Northern Ireland) 60 days after arrival | 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 |
| Test for AI Purposes - AI 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) | No |

Test Codes Not Currently in Use in Wales

| Type of Test Sam Code When and Why | What to Test | Setting Next Testing Date | Zero Tolerance applies? | Auto TNL? | Purpose | Can test be considered complete if bovines under 180 days old were not tested due to COVID-19 social distancing? |
|--|--|---|-------------------------|-----------|--|--|
| First Potential Hotspot Check Test - CT-HS1 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 six weeks of age | Veterinary discretion. Usually two-three months from identification | Yes | Yes | CT-HS1 TB Skin Test - Enhanced Surveillance (TB Check Test Hot Spot 1) | N/A |
| Second Potential Hotspot Check Test - CT-HS2 Test carried out 12 months after the CT-HS1 test | All bovines except calves under six weeks of age | 12 months from the previous due date for a CT-HS1 | Yes | Yes | CT-HS2 TB Skin Test - Enhanced Surveillance 12M (TB Check Test Hot Spot 2) | N/A |

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| <p>IASI</p> <p>Test code used for the second SI test on herds within the IAA that remain OTFS.</p> <p>From 1 May 2013 this test code will no longer be required</p> | <p>All bovines. Calves under 42 days of age may be excluded where a low risk of infection in this age group has been identified</p> | <p>60 days from the date of removal/isolation of reactors</p> <p>Testing window 30 days</p> | <p>Yes</p> | <p>Yes</p> | <p>IASI TB Skin Test - Investigation and Intervention (TB IA Short Interval Test)</p> | <p>Only in tests where reactors are disclosed, not in tests with negative results or IRs only.</p> |
| <p>CTW1 - Check Test Wales 1 NO LONGER AVAILABLE AS OF 1/4/12</p> <p>Whole Herd Test equivalent allocated to herds in Wales that would not normally be subject to annual testing had a PTI review taken place.</p> <p>*Previously used as part of the TB Health Check Wales which ended in December 2009</p> | <p>All bovines except calves under six weeks of age</p> | <p>12 months from the previous due date</p> | <p>Yes</p> | <p>Yes</p> | <p>CTW1 TB Skin Test - Enhanced Surveillance Wales 1 (TB Check Test Wales 1)</p> | <p>N/A</p> |
| <p>CTW2 - Check Test Wales 2 NO LONGER AVAILABLE AS OF 1/4/12</p> <p>Whole herd test equivalent allocated to herds in Wales than would normally be subject to a Routine Herd Test (RHT) had a PTI review taken place.</p> <p>*Previously used as part of the TB Health Check Wales which ended in December 2009</p> | <p>All bovines except calves under six weeks of age</p> | <p>12 months from the previous due date</p> | <p>Yes</p> | <p>Yes</p> | <p>CTW2 TB Skin Test - Enhanced Surveillance Wales 2 (TB Check Test Wales 2)</p> | <p>N/A</p> |

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.