# BVD (BOVINE VIRAL DIARRHOEA)

# NATIONAL CONTROL PROGRAMME

## Designation Criteria

**Background**
The BVD Implementation Group (BVD IG) designates laboratories to provide BVD virus and antibody test results in support of the industry-led co-ordinated national control programme to eradicate BVDV that began on 01.01.12. Only results generated by designated laboratories will be recognised by the BVD IG. The initial emphasis will be on delivery of testing for BVD virus on ear punch samples.

**Designation of laboratories** will be on a test by test (e.g. detection of virus by ELISA or RT-PCR) and matrix by matrix (e.g. tissue punch or blood) basis. In addition, laboratories must be specifically designated for each tissue tag product for which they offer testing. In order to achieve designation, laboratories must confirm that they are currently in compliance with, and will for the period for which they are designated continue to comply with the criteria listed below. Laboratories may submit an application for designation at any time. BVD IG reserves the right to revoke the designation of laboratories on the grounds of non-compliance with these criteria.

1) Be currently accredited to ISO17025 or Campden Laboratory Accreditation Scheme (CLAS) for all relevant BVD tests (virus detection by RT- PCR or ELISA and/or antibody detection by ELISA), subject to the following derogation. In the case of laboratories which are already designated to carry out testing on tissue tag samples, and which wish to become designated for the testing of samples collected using additional tissue tag products in advance of their being accredited for this testing, the laboratory is required to submit a validation dossier to the BVD National Reference Laboratory (NRL). Subject to a satisfactory evaluation of the dossier and a recommendation from the NRL to the BVD IG that the laboratory designation is temporarily extended in respect of each test method and additional tissue tag product covered by the dossier, the BVD IG will consider the laboratory to be so designated. To retain this designation, laboratories must provide proof of accreditation for testing of samples collected using each additional tissue tag product within one month of their next accreditation inspection or within 13 months of their being so designated, whichever is the longer

2) Inform AHI of any change in accreditation status as soon as practically possible (including any refusal of an application for accreditation).

3) Utilise only those test kits and batches as may from time to time be approved by the Central Veterinary Research Laboratory (CVRL) of the Department of Agriculture, Food and the Marine, acting in its statutory capacity as National Reference Laboratory for BVD.

4) Participate to the satisfaction of BVDIG in such relevant proficiency testing

and technical reviews as may be considered appropriate by the Central Veterinary Research Laboratory (CVRL) of the Department of Agriculture, Food and the Marine, acting in a Reference Laboratory capacity.

5) Provide such data in relation to laboratory function, diagnostic testing and results as may reasonably be requested by BVDIG to specified deadlines.

6) Facilitate such laboratory visits as may reasonably be requested by BVDIG within specified deadlines.

7) Retain a record of all testing carried out in relation to the programme for at least 7 years and furnish copies/extracts from time to time to BVDIG on request in such manner as BVDIG may require.

8) Report results for all herds by electronic transfer at least once per day [day of report] to the ICBF (Irish Cattle Breeding Federation) database in the following format or in such revised format as BVDIG or ICBF may from time to time specify:

   a) Herd number
   b) Lab delivery date (date of receipt)
   c) Test date
   d) Animal ID
   e) Individual lab reference
   f) Test name
   g) Sample type
   h) Test value
   i) Laboratory interpretation of that result

9) Provide test results within specified turnaround times (all measured on a weekly basis):

   a) 95% of results within 4 working days of receipt;

   b) 99% within 7 working days of receipt;

10) Maintain a structural error rate (as defined by BVD IG) not exceeding 5% in data files transferred to the ICBF database, measured on a weekly basis.

11) Demonstrate evidence to the satisfaction of BVD IG of a viable contingency / emergency plan.

12) Retain and preserve samples post-testing with the exception of samples submitted for serological testing in a manner and for a period specified by BVDIG (but not exceeding two months) and thereafter pass in good condition to ICBF or specified agent thereof or as may otherwise be required by BVDIG. When requested for DNA testing to provide these to the laboratory carrying out the DNA analysis with a median interval to delivery not exceeding 3 days.

13) Be located in the European Union.