

## TD2027ENDO

### Summary of Major Modifications

This document summarizes the modifications to the Technical Document (TD) on Analytical and Reporting Requirements for the Blood Markers of the Endocrine Module of the Athlete Biological Passport (ABP). The TD2027ENDO replaces the current Laboratory Guidelines for the Analytical Requirements for the Endocrine Module of the Athlete Biological Passport and has been revised to improve harmonization with other ABP-related TDs.

The main change is the addition of new automated confirmation procedure requests (“Endocrine-CPR” and “Isoforms-Request”) for the Endocrine Module, similar to what exists currently for urine Samples in the Steroidal Module. This addition, following recommendation from the WADA Endocrine Working Group, is based on the following observations:

- the relatively low number of atypical samples currently being confirmed or being analyzed further by the Isoforms Differential Immunoassay, and
- the observation that atypical samples for blood Endocrine Markers are occurring at an expected rate, where Anti-Doping Organizations can expect to only have to proceed to automated confirmation procedures on <3% of samples, and to perform a targeted Isoform Differential Immunoassay on <1% of samples.

The main modifications include (ordered by section of the TD):

#### **1.0 Introduction**

Additional clarification of what substances can be detected by the Endocrine Module was added.

1.1 b) Details were added in section ii) regarding the new notifications triggering confirmation procedures.

#### **3.0 Analytical Testing Procedure Validation and Analysis Requirements**

The previous Tables 1 and Appendix 1 were merged into one table (Section 3.1) that now includes method details for P-III-NP. Details of Quality Controls from the previous section 3.2 were also incorporated into this new table.

#### **4.0 Confirmation Procedures for the Endocrine Module**

A new section detailing the procedure for managing confirmation procedure requests was created, which incorporates the previous section 3.3 and the details for automatic Endocrine-CPR and Isoforms-Requests to be generated in ADAMS.