

Technical Document for Sport Specific Analysis (TDSSA)

Summary of Major Changes from TDSSA 8.0 to TDSSA 9.0

- a) The TDSSA v9.0 has been simplified by excluding examples, calculations and defined terms therefore streamlining text within the document. The TDSSA FAQ which is currently the main supporting document to help ADOs implement the TDSSA is replaced by a new TDSSA guideline¹ that contains examples, calculations etc. that are removed from TDSSA v9.0.
- b) Despite the launch of the new Endocrine Module of the Athlete Biological Passport (ABP) in August 2023, the application of the Growth Hormone (GH) Minimum Levels of Analysis (MLAs) remains optional for ADOs to apply. This position will be reassessed once the Endocrine Module of the ABP has been operational for at least one year.

In the interim, language has been added around the implementation of the Endocrine Module of the ABP for athletes in those sports/disciplines for which the MLA for GH is 15% or higher – it is strongly recommended they be part of their GH testing program. In addition, for the sports or disciplines with an MLA for GH of 10%, ADOs are also encouraged to implement the Endocrine Module of the ABP as part of their GH testing program.

- c) The mandatory implementation of the Hematological Module of the ABP for sports/disciplines with erythropoietin receptor agonists (ERAs) MLAs of 30% or greater for athletes in a Registered Testing Pool (RTP), remains unchanged. However, four sports/disciplines are recommended to have their existing ERAs MLAs increased from 15% to 30% following a physiological assessment and review of applicable ADAMS data. This includes the following sports/disciplines outlined below:

Sport	Discipline	ERA%	GH%	GHRF%
Athletics	Combined Events	15 30	15	15
Canoe/Kayak	Ocean Racing	15 30	5	5
Orienteering	All	15 30	5	5
Para-Athletics	Running Middle Distance 800m-1500m All Classes	15 30	10	10

As a result, ADOs are required to implement the Hematological Module of the ABP for athletes in a RTP within these four sports/disciplines. This new requirement will come into effect on 1 January 2025 to allow ADOs sufficient time in 2024 to plan and adjust their TDPs accordingly.

- d) The criteria for flexibility in the implementation of the TDSSA MLAs due to non-ABP related reasons have been revised and are reflecting the quality of an ADO's anti-doping program. Sports/disciplines with MLAs of 10% or less are not eligible for flexibility.
- e) The TDSSA will now clarify that any retrospective analysis requested for the Prohibited Substances and/or Prohibited Methods within the scope of the TDSSA will count towards meeting the ADOs' TDSSA

¹ The TDSSA guideline will be available to ADOs in early 2024.

requirements of the year that the sample was collected rather than the year the retrospective analysis is requested.

- f) Following requests from the relevant International Federations, amendments to sports/disciplines and where applicable their MLAs, are updated in TDSSA v9.0 as outlined below.

Sport	Discipline	ERA%	GH%	GHRF%
American Football	American Football	5	10 15	10 15
American Football	Flag Football	5	5	5
Athletics	Trail and Mountain Running	60	10	10
Sport Climbing	Boulder	10	5 10	5 10
Sport Climbing	Combined	10	5 10	5 10
Sport Climbing	Lead	10	5 10	5 10
Para-Alpine Skiing	Para-Alpine Skiing	5	5	5
Para-Nordic Skiing	All Para-Nordic Skiing	30	10	10
Para-Snowboard Skiing	Para-Snowboard	5	5	5
Sport Climbing	Para Climbing Lead	5	10	10
Surfing	Para Surfing (All subdisciplines)	5	5	5

- g) In addition to the above proposed amendments, the TDSSA v9.0 includes some minor amendments in its text for greater clarity.