

# Testosterone threshold for male greyhounds to be introduced into the Greyhounds Australasia Rules

Warning to trainers – Testosterone usage in greyhounds

On 1 July 2016, Greyhounds Australasia will introduce a urinary threshold for testosterone in male greyhounds within GAR 83 (12) as follows:

*“Testosterone as evidenced by the presence of 5 $\beta$ -androstane-3 $\alpha$ , 17 $\beta$ -diol at or below a concentration of 100 nanograms per millilitre in a sample of urine taken from a male greyhound will not breach the provisions of sub rule (1A) or (2) of this rule.”*

Under the new rule, 5 $\beta$ -androstane-3 $\alpha$ , 17 $\beta$ -diol ( $\beta\alpha\beta$ ) concentrations found in urine swabs from male greyhounds at a concentration of above 100 ng/mL will breach the rules to join the previously introduced threshold of 10 ng/mL in females within GAR 83 (6).

This new threshold has been determined following a population survey that measured urinary  $\beta\alpha\beta$  levels in 196 greyhounds sampled on race day. It has been set at a level to allow for normal variation amongst racing greyhounds with a robust margin of safety.

Participants are again reminded that Anabolic Androgenic Steroids (e.g. Testoprop, Ropel), Gonadotropins (e.g. Chorulon) and Gonadotropin Releasing Hormones (e.g. Fertagyl) are all Permanently Banned Prohibited Substances under GAR 79A that cannot be (or attempted to be) procured, possessed or administered and use will increase testosterone levels leading to a breach of the threshold and rule regardless of whether testing is conducted in or out competition.

For a current list of APVMA registered products that contain testosterone visit: <https://portal.apvma.gov.au/pubcris>

Compliance with these rules will be enforced by state controlling bodies through all available means including regular kennel inspections, inspections of medications and treatment records, and regular out of competition testing, as well as through routine race day sampling.

As per GAR 79A (3) any greyhound that tests positive to any permanently banned prohibited substance shall be withdrawn from any Event in which it is nominated to compete and will be ineligible to be nominated for any further Event until a sample is subsequently taken that does not contain any of the substances specified in GAR 79A (2).

For further information please contact your state controlling body.