

Screening Limits for Therapeutic Substances

For the purpose of AR 257, it is hereby notified that screening limits applicable to the following therapeutic substances, as approved by Racing Australia, are set out as follows (new items in red):

- acepromazine – 0.02 nanograms per millilitre (ng/mL) in plasma
- acepromazine – 10ng/mL of the 2-(1-hydroxyethyl) promazine sulphoxide metabolite in urine
- betamethasone - 0.20ng/mL in urine
- butorphanol – 0.01ng/mL in plasma
- butorphanol – 1ng/mL in urine
- carprofen – 100ng/mL in plasma
- carprofen – 100ng/mL in urine
- **dantrolene – 3ng/mL of the 5-hydroxydantrolene metabolite in unhydrolysed urine**
- detomidine – 0.02ng/mL of the 3'-hydroxydetomidine metabolite in plasma
- detomidine – 2ng/mL of the 3'-hydroxydetomidine metabolite in urine
- dexamethasone – 0.2ng/mL in urine
- diclofenac – 50ng/mL in urine
- dipyrrone – 1000ng/mL of the 4-methylaminoantipyrine metabolite in urine
- eltenac – 50ng/mL in urine
- **firocoxib – 2ng/mL in plasma**
- flunixin – 1ng/mL in plasma
- flunixin – 100ng/mL in urine
- frusemide – 0.1ng/mL in plasma
- frusemide – 50ng/mL in urine
- hyoscine butylbromide (or n-butylscopolammonium) – 0.05ng/mL in plasma
- hyoscine butylbromide (or n-butylscopolammonium) – 25ng/mL in urine
- ipratropium – 0.25ng/mL in urine
- **ketoprofen – 2 ng/mL in plasma under the condition of a single IV or oral dose**
- ketoprofen – 100ng/mL in urine
- lignocaine – 0.05ng/mL in plasma
- lignocaine – 10ng/mL of the 3'-hydroxylignocaine metabolite in urine
- meclofenamic acid – 5ng/mL in plasma
- meclofenamic acid – 250ng/mL in urine
- medetomidine – 0.02ng/mL of 3'-hydroxymedetomidine in plasma
- medetomidine – 5ng/mL of 3'-hydroxymedetomidine in urine



- meloxicam – 1ng/mL in plasma
- meloxicam – 10ng/mL in urine
- mepivacaine – 0.05ng/mL in plasma
- mepivacaine – 10ng/mL of the 3'-hydroxymepivacaine metabolite in urine
- methocarbamol – 100ng/mL in urine (when restricted to a single oral or IV treatment of no more than 5 grams of methocarbamol)
- naproxen – 250ng/mL in urine
- phenylbutazone – 100ng/mL in plasma
- phenylbutazone – 100ng/mL in urine
- romifidine – 1ng/mL in urine
- salbutamol – 0.5ng/mL in urine
- triamcinolone acetonide – 0.5ng/mL in urine
- **vedaprofen – 5 ng/mL in plasma**
- vedaprofen – 50ng/mL in urine

1 April 2020

Note: Prior to the introduction of the Australian Rules of Racing rewrite on 1 March 2019, AR 257 was AR 178EA.