



# Animal Sport RACING

ELISA Test Kits, Automated Equipment



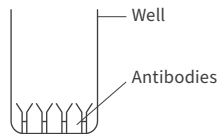
# Why Our Test Kits?

NEOGEN® has more than 30 years of experience developing and manufacturing enzyme-linked immunosorbent assay (ELISA) test kits. This allows us to produce high quality, dependable products with excellent reproducibility and sensitivity. Our extensive line of drug detection assays includes more than 100 ELISA kits that can be used to screen drugs and/or their metabolites in a wide range of sample matrices. Our easy-to-use protocols are designed for both high and low volume laboratories as they can be run manually or easily automated on a wide range of immunoassay instruments. Our experienced technical support team is always available to support you and find a system that will work best for your needs.

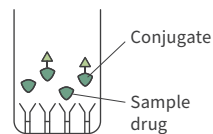
We're committed to providing high quality, dependable drug tests for animal racing. Our quality management system is ISO 9001:2015 certified.

Our ELISA test kits are qualitative one-step kits designed as screening devices for the detection of drugs and/or their metabolites in multiple sample types. The kits are not intended for clinical diagnostic use. It is recommended that all suspect samples be confirmed by a quantitative method such as GC/MS.

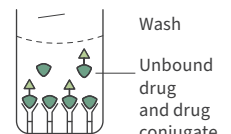
## Assay Procedure



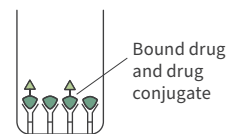
Plates are precoated with the antibody. The plate is ready for use. Do not wash.



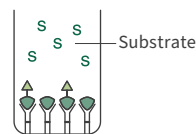
A sample or control is added to each well. Next, the drug-enzyme conjugate is added and the mixture is incubated at room temperature.



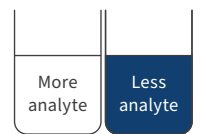
Wash the plate to remove all unbound materials.



The bound materials now remain in the microplate.



Add TMB substrate to each well and allow the color to develop.



Qualitative results are obtained by measuring the absorbance reading at 450 nm or 650 nm if no acid stop is used.

# Drug Detection ELISA Test Kits

## Racing Test Kits

ELISA Test Kit	Product #
16β-Hydroxystanozolol*	103510
Alfentanil*	103610
Amphetamine	105210-1
Amphetamine Ultra	130819
Anileridine*	105510
Apomorphine/Apocodeine	109110
Azaperone*	100910
Barbiturate Group	100110
Benzodiazepine Group	180610
Benzylpiperazine*	108310
Boldenone*	101010
Bronchodilator Group	100310
Bumetanide	103710-1
Buprenorphine	103810
Buspirone*	108710
Butorphanol	101110
Caffeine/Pentoxifylline	106410
Carfentanil	103910
Carisoprodol	132519
Carprofen*	181110
Celecoxib	180710
Clenbuterol	101210
Clonidine/Romifidine	180110
Cocaine/Benzoylecgonine	101310
Corticosteroid Group	100410
Cromoglycate*	105810
Dantrolene	106310
Dermorphin	181910
Detomidine	181310
Dexamethasone	101510
Dextromethorphan*	131419
Diprenorphine*	106110
Doxapram	106210
Droperidol*	101610
Ethacrynic Acid*	101710-1
Etorphine	101810
Fenspiride*	108410
Fentanil Group	100510
Fentanyl	104010
Fexofenadine/Terfenadine*	181410
Flunitrazepam	109510
Flunixin	101910

ELISA Test Kit	Product #
Fluoxetine	107610
Fluphenazine*	104110
Furosemide	104210-1
Glycopyrrolate	102010
Guanabenz*	109210
Haloperidol Metabolites*	102110
Hydrochlorothiazide*	180310
Hydromorphone	106610-1
Hydroxyzine	105710
Ibuprofen	180210
lpratropium/Atropine	107110
Isoxsuprine	102210
Ketamine	109410
Ketoprofen	108210
Ketorolac*	105610
Levallorphan	102310
Lidocaine	106710-1
Lofentanil	102410
Mazindol/Mazindol Metabolite	102510
Meperidine	102610
Mephentermine*	107210
Mepivacaine	102710
Meprobamate	133419
Metaraminol*	107910
Methadone	131619
Methadone/LAAM	132919
Methamphetamine/MDMA	130919
Methocarbamol	108010
Methotrexate*	107510
Methylphenidate/Ritalinic Acid	134219
Methylprednisolone	104560
Modafinil	181210
Nalbuphine	102810
Naltrexone	180810
Nandrolone	104610
Nikethamide*	109910
Opiate Group	103010
Oxymorphone/Oxycodone	102919
Pentazocine	103110
Phenylbutazone	104710-1
Procaine*	103210
Promazine Group	100710

ELISA Test Kit	Product #
Propranolol	107310
Propoxyphene	131119
Pyrilamine	105910
Ractopamine	106510
Reserpine*	104810
Sufentanil*	104910
Sulfamethazine*	103410
Synthetic Cannabinoids (JWH-018)	133519
THC	131019
Theophylline*	106010
Tramadol	131819
Trazodone	132819
Trenbolone*	109710
Triamcinolone Acetonide	105110
Tricyclics Group	100810
Zomepirac	109610
Zopiclone/Eszopiclone	133819

## Quantitative Test Kits

ELISA Test Kit	Product #
15-epi-Lipoxin A <sub>4</sub>	407110
Corticosterone	402810
Cortisol	402710
Estradiol	402110
Histamine	409010
Lipoxin A <sub>4</sub>	407010
Progesterone	402310
Testosterone	402510



\*Minimum lead time and quantities required, contact NEOGEN for more details.

