

ANTI-INFLAMMATORY DRUGS

Chapter 2

2



ANTI-INFLAMMATORY DRUGS

NSAIDs						
SPECIFICITY	ANTIBODIES			TRACERS		
	IMMUNOGEN	Unit *	Cat. No.	Tracer Description	Unit	Cat. No.
DAPSONE	Dapsone-BTG	1ml	PAS9842	Dapsone-HRP	0.5ml	HRP9404
DIPYRONE	Dipyron-BTG	1ml	PAS9281	Dipyron-HRP	0.5ml	HRP9285
ETODOLAC	Etodolac-BTG	1ml	PAS9638	Etodolac-HRP	0.5ml	HRP9342
FLUNIXIN	Flunixin-BTG	1ml	PAS9528	Flunixin-HRP	0.5ml	HRP9341
KEBUZONE	Kebuzone-BTG	1ml	PAS9232	Kebuzone-HRP	0.5ml	HRP9345
KETOPROFEN	Ketoprofen-BTG	1ml	PAS9622	Ketoprofen-HRP	0.5ml	HRP9343
MELOXICAM	Meloxicam-BTG	1ml	PAS9442	Meloxicam-HRP	0.5ml	HRP9390
METHYLPREDNISOLONE	Methylprednisolone-BTG	1ml	PAS9444	Methylprednisolone-HRP	0.5ml	HRP9391
PHENYLBUTAZONE/OXYPHENBUTAZONE	Oxyphenbutazone-BTG	1ml	PAS9282	Oxyphenbutazone-HRP	0.5ml	HRP9344
TOLFENAMIC ACID	Tolfenamic acid-BTG	1ml	PAS9843	Tolfenamic Acid-HRP	0.5ml	HRP9405

TO ORDER : t: +44 (0) 28 9442 2413 e: lifesciences@randox.com w: www.randox-lifesciences.com

* All Randox Polyclonal Ig Fraction Antibodies are available in pack sizes of 1ml (100 µL increments also available on request) Tracers are available in 0.5ml.

NSAIDS

Non-steroidal anti-inflammatory drugs, usually abbreviated to NSAIDs or NAIDs, are drugs with analgesic, antipyretic and, in higher doses, anti-inflammatory effects - they reduce pain, fever and inflammation. Most NSAIDs act as nonselective inhibitors of the enzyme cyclooxygenase, inhibiting both the cyclooxygenase-1 (COX-1) and cyclooxygenase-2 (COX-2) isoenzymes. Cyclooxygenase catalyzes the formation of prostaglandins and thromboxane from arachidonic acid. Prostaglandins are short-lived substances made from fatty acids that play a role in many body functions. They influence pain signals, regulation of inflammation, maintenance of tissues such as the lining of the stomach, blood clotting and stimulation of cells into action.

In whole the NSAIDs prevent the prostaglandins from ever being synthesized, therefore reducing or eliminating the pain. Some common examples of NSAIDs are: aspirin, ibuprofen, and naproxen. The two main ADRs associated with NSAIDs relate to GI effects and renal effects of the agents.

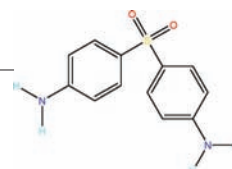
The most common side effects are gastrointestinal irritation (e.g. abdominal pain, heartburn, nausea, and vomiting). However, serious side effects such as gastrointestinal ulceration or bleeding may occur, which are more likely with high doses and prolonged use.

SPECIFICITY: DAPSONE Antibodies

Immunogen
Dapsone - BTG

Cat. No.
PAS9842

Tracer No.
HRP9404

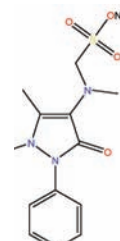


SPECIFICITY: DIPYRONE Antibodies

Immunogen
Dipyron - BTG

Cat. No.
PAS9281

Tracer No.
HRP9285

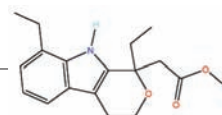


SPECIFICITY: ETODOLAC Antibodies

Immunogen
Etodolac - BTG

Cat. No.
PAS9638

Tracer No.
HRP9342

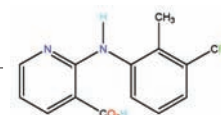


SPECIFICITY: FLUNIXIN Antibodies

Immunogen
Flunixin - BTG

Cat. No.
PAS9528

Tracer No.
HRP9341



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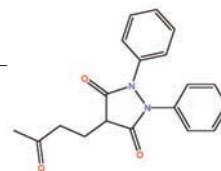
Anti-Inflammatory Drugs

SPECIFICITY: KEBUZONE Antibodies

Immunogen
Kebuzone - BTG

Cat. No.
PAS9232

Tracer No.
HRP9345

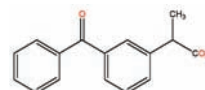


SPECIFICITY: KETOPROFEN Antibodies

Immunogen
Ketoprofen - BTG

Cat. No.
PAS9622

Tracer No.
HRP9343

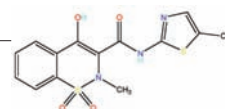


SPECIFICITY: MELOXICAM Antibodies

Immunogen
Meloxicam - BTG

Cat. No.
PAS9442

Tracer No.
HRP9390

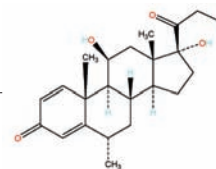


SPECIFICITY: METHYLPREDNISOLONE Antibodies

Immunogen
Methylprednisolone - BTG

Cat. No.
PAS9444

Tracer No.
HRP9391

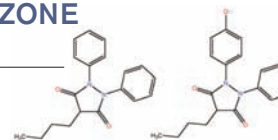


SPECIFICITY: PHENYLBUTAZONE/OXYPHENBUTAZONE Antibodies

Immunogen
Oxyphenbutazone - BTG

Cat. No.
PAS9282

Tracer No.
HRP9344

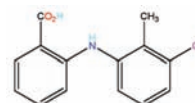


SPECIFICITY: TOLFENAMIC ACID Antibodies

Immunogen
Tolfenamic Acid - BTG

Cat. No.
PAS9843

Tracer No.
HRP9405



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