

Kebuzone, HRP conjugate

DAG1209

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Kebuzone, HRP conjugate
Antigen Description	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
Source	NSAIDs
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxidase and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.
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BACKGROUND

Introduction	Kebuzone (or ketophenylbutazone) is a non-steroidal anti-inflammatory drug.
Keywords	Kebuzone; ketophenylbutazone; pecton; chebutan; chepirol; gamma-ketophenylbutazone; hichillos; 1,2-diphenyl-4-(gamma-ketobutyl)-3,5-pyrazolidinedione

REFERENCES

1. Bachratá M, Bezáková Z, Knazko L, Subert J. The use of borohydrides of alkaline metals in the volumetric analysis of medicaments. Pharmazie. 1977 Jul 7; 32(7):398-401.