

**Cobra antivenin / King Cobra antivenin / Banded Krait antivenin / Malayan Krait antivenin
Russell's Viper antivenin / Malayan Pit Viper antivenin / Green Pit Viper antivenin**

Composition

After reconstitution with 10 ml of sterile water for injection in 1 ml contains

Purified equine immunoglobulin with specific antibodies against snake venom as follow:

Cobra antivenin neutralizes	0.6 mg of Cobra venom
King Cobra antivenin neutralizes	0.8 mg of King Cobra venom
Banded Krait antivenin neutralizes	0.6 mg of Banded Krait venom
Malayan Krait antivenin neutralizes	0.4 mg of Malayan Krait venom
Russell's Viper antivenin neutralizes	0.6 mg of Russell's Viper venom
Malayan Pit Viper antivenin neutralizes	1.6 mg of Malayan Pit Viper venom
Green Pit Viper antivenin neutralizes	0.7 mg of Green Pit Viper venom

GREEN
KING
KRAI
RUSS

Aminoacetic acid (glycine)

Carbolic acid (phenol)

Sodium chloride

Sterile water for injection

Indication

Passive immunization against specific poisonous snake bites.

Contraindication

None, unless the patient is known to be hypersensitive to constituents of the product, appropriate precautions must be taken (see below).

Side effects

Occasionally, transient tenderness at the injection site, cutaneous reaction and alterations in temperature may occur.

In some cases nausea, vomiting and also circulatory reactions (e.g. tachycardia, bradycardia, hypotension, sweating, vertigo) and allergic reactions (e.g. with flush, urticaria, dyspnea) have been observed, extending in isolated cases as far as shock. Therefore, the patient should be monitored for an extended period of time.

Therapeutic measures depend on the nature and severity of side effects. Antihistamines, if necessary adrenaline, high doses of corticosteroids, volume replacement, oxygen.

Special precautions

In cases of Cobra and Krait bites, respiratory support may be essential.

Since the antivenin is prepared from horse serum, sensitization to heterologous protein may occur in some individuals. To avoid serious allergic reactions, skin test should be performed prior to the administration by injection of 0.02 ml of 1:100 antivenin dilution intradermally. It should be noted that the skin test may not predict the anaphylaxis nor delay serum sickness reactions.

Administration

The freeze-dried antivenin must be reconstituted with the solution supplied (or 10 ml of sterile water for injection) prior to the administration.

Dosage

Hematotoxic snake antivenin : Russell's Viper antivenin, Malayan Pit Viper antivenin, Green Pit Viper antivenin. Initial dose of 30 ml of reconstituted antivenin should be given by slow intravenous infusion (approx. 2 ml/min). Subsequent dose can be given every 6 hours according to the clinical symptoms.

Neurotoxic snake antivenin : King Cobra antivenin, Banded Krait antivenin and Malayan Krait antivenin initial dose 50 ml, Cobra antivenin initial dose 100 ml. The reconstituted antivenin should be given by slow intravenous infusion (approx. 2 ml/min). Subsequent dose can be given every 12 hours according to the clinical symptoms.

Storage and stability

Keep in tightly closed container and store below 25°C. The product shall have a shelf life of 5 years from the manufacturing date.



Manufactured by Queen Saovabha Memorial Institute. The Thai Red Cross Society.

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