



Pasteur Institute of Iran
Avand Kashef tasnim Company

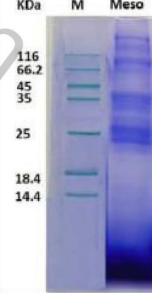
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Mesobuthus eupeus

Size of 4 to 5 cm. The entire body is yellow to yellowish brown. The dorsal segments (tergites) of the mesosoma often have longitudinal irregular stripes that are black to dark brown. They exhibit sexual dimorphism, the adult females being generally larger than males but have a lower number of pectinal teeth (16 to 23, as opposed to 22 to 28 in males). The pedipalps have a maximum of ten diagonal rows of granules on the fixed finger and eleven on the movable finger. The pedipalp chelae (pincers) are wider than the patella (segment IV). The segments of the metasoma are thick and have eight keels (octocarinate). The telson is subglobose with a flat dorsal surface.



Certificate of Quality

1	Appearance	White Powder
2	LD50 (White mouse IP)	30 µg (Albino mouse 20 gram weight)
3	SDS-PAGE (15% Polyacryamide Gel)	
4	Percent of mucus in venom	10-25%

Venom extraction

Venom is obtained by electrical stimulation of the scorpion telson with standard stimulation set and cumulated in sterile glass container.

Keep and storage

Venom is frozen and stored in chemically non-effective (in contact of glass or pure metal alloy) containers with micro freezer with constant temperature and emergency alarm system