



BLL VENOM



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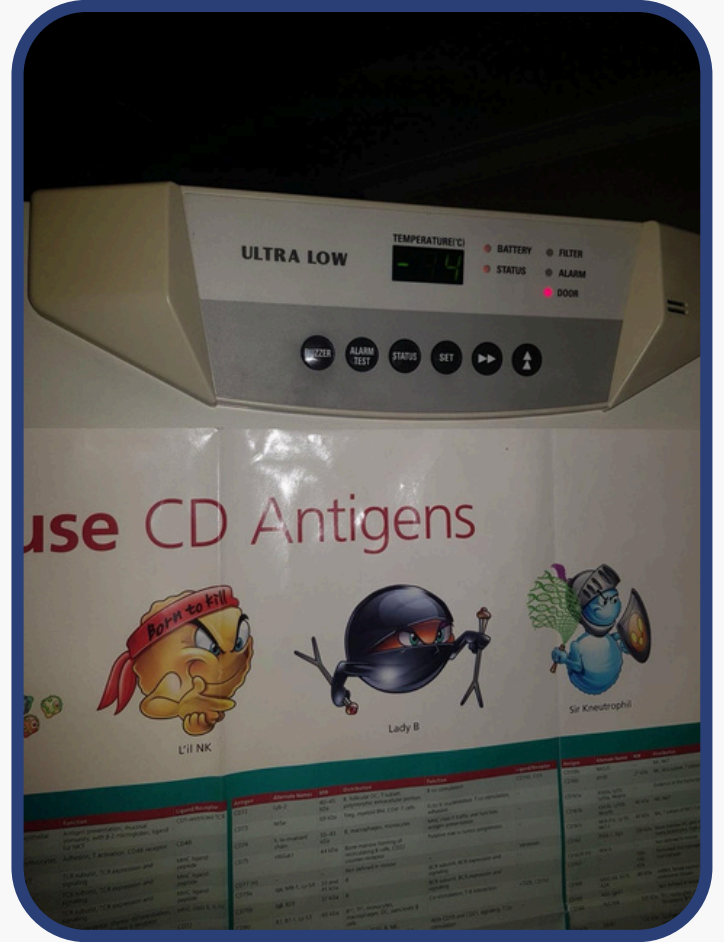
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Androctonus turkiyensis

	Turkey
	Powder or Liquid
	Stored at -86 C
	According to Nature
	%100 Pure



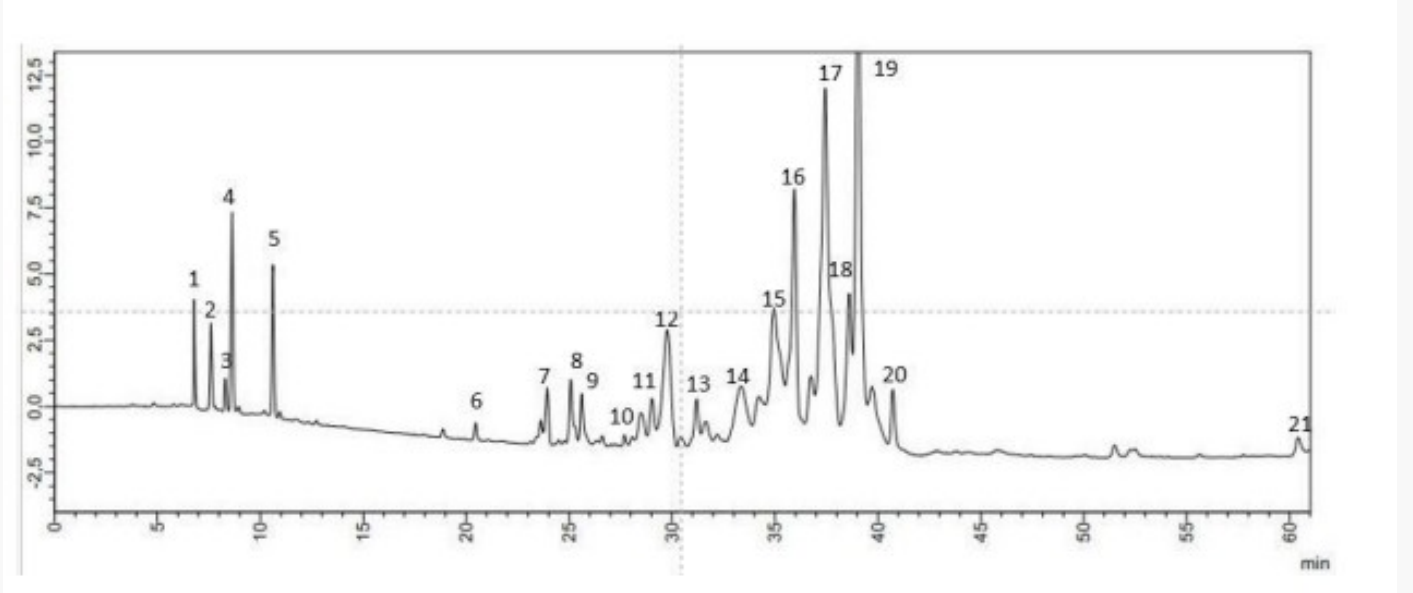
Venom Storage





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Androctonus turkiyensis





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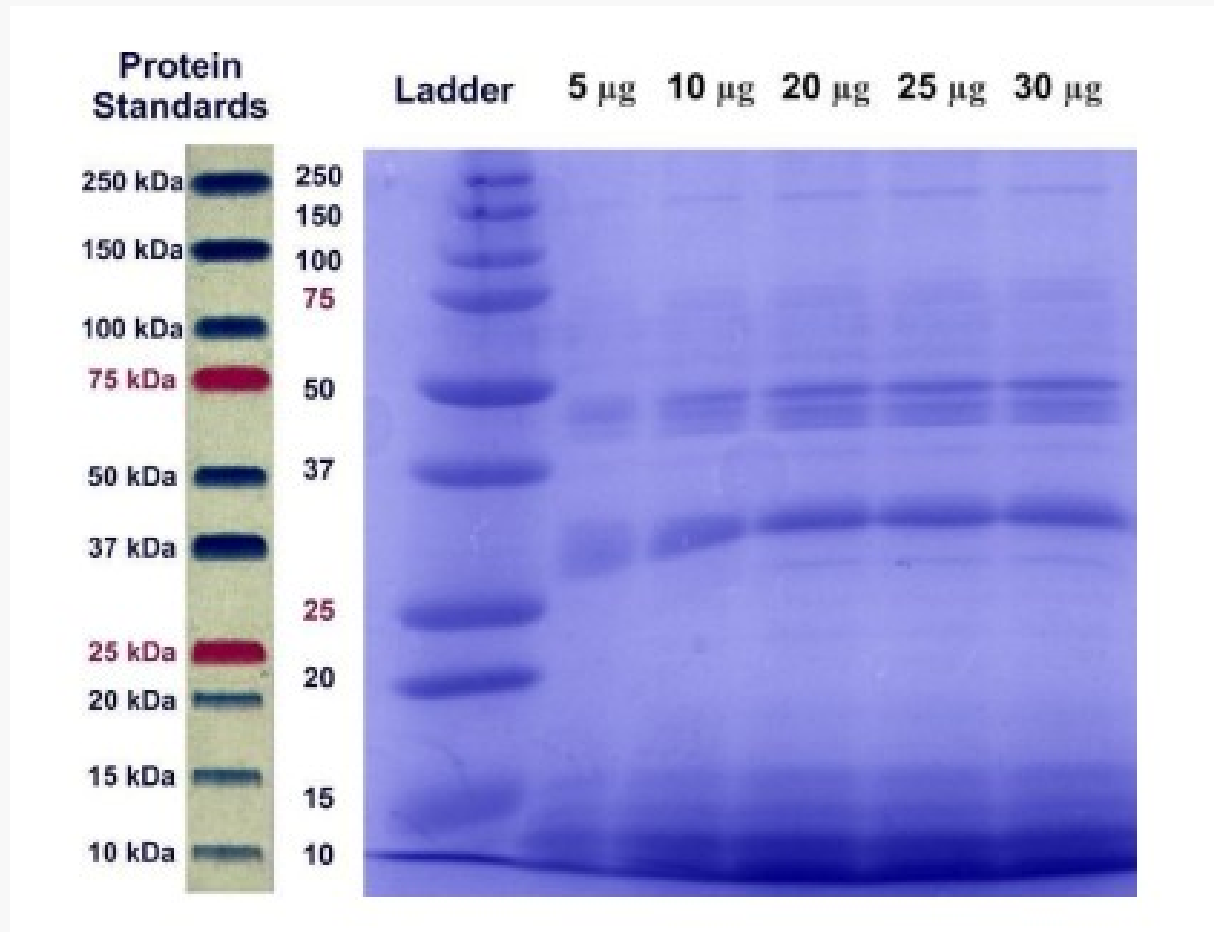
Androctonus turkiyensis

Fraction number	Minute
1	7,08
2	7,98
3	8,15
4	8,23
5	10,45
6	20,35
7	23,78
8	25,01
9	25,22
10	28,42
11	29,01
12	30,13
13	31,16
14	33,24
15	35,03
16	36,11
17	37,48
18	38,01
19	39,12
20	40,89
21	60,38



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Androctonus turkiyensis





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ANALYSIS REPORT

Report Number Company Name	VNM0051 BLL GROUP Scorpion and Snake Venom Production
Sample Description	Pharmaceutical Industry Trade Ltd. Co. Scorpion Venom
Sample Registration	Androctonus Crassicauda
Number/ Acceptance Date Number of Samples Test Date	0051-25.04.2025
	-
	28.04.2025-30.04.2025

Sample Preparation

Androctonus Crassicauda venom was used by turning it into powder in freeze-driers.

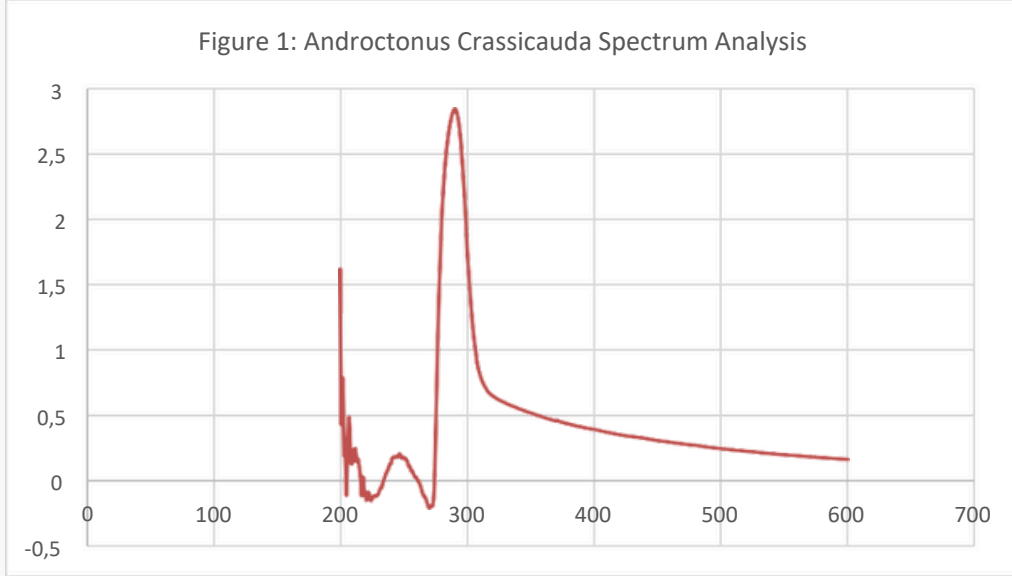
Spectrum Analysis

Venom obtained from the scorpion species Androctonus Crassicauda was prepared and used as 1 mg/mL. In the spectrum analysis performed using Varioskan Flash Multimode Spectrophotometer, wavelengths were scanned between 200 nm - 600 nm. Venom specific maximum peak was observed at 280 nm. HPLC analyses were performed based on 280 nm.



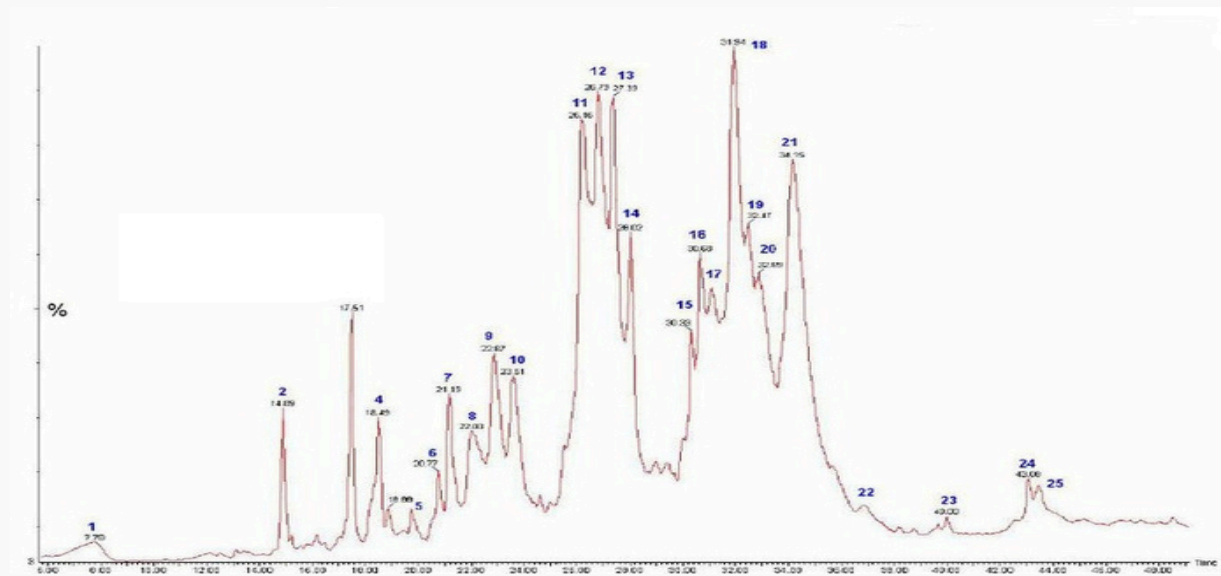
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Figure 1: Androctonus Crassicauda Spectrum Analysis



HPLC Analysis

After the venoms were powdered, they were loaded into the HPLC device at a concentration of 1000ppm. Solvent B was made by applying a 0-60% low gradient program with a flow rate of 1mg/mL. Spectra were taken to determine the maximum absorbance of venom proteins. In this context, HPLC analysis was performed at a wavelength of 280nm. Proteins were detected at different times. As a result of the analysis, 25 different proteins were detected in the Androctonus Crassicauda venom sent.

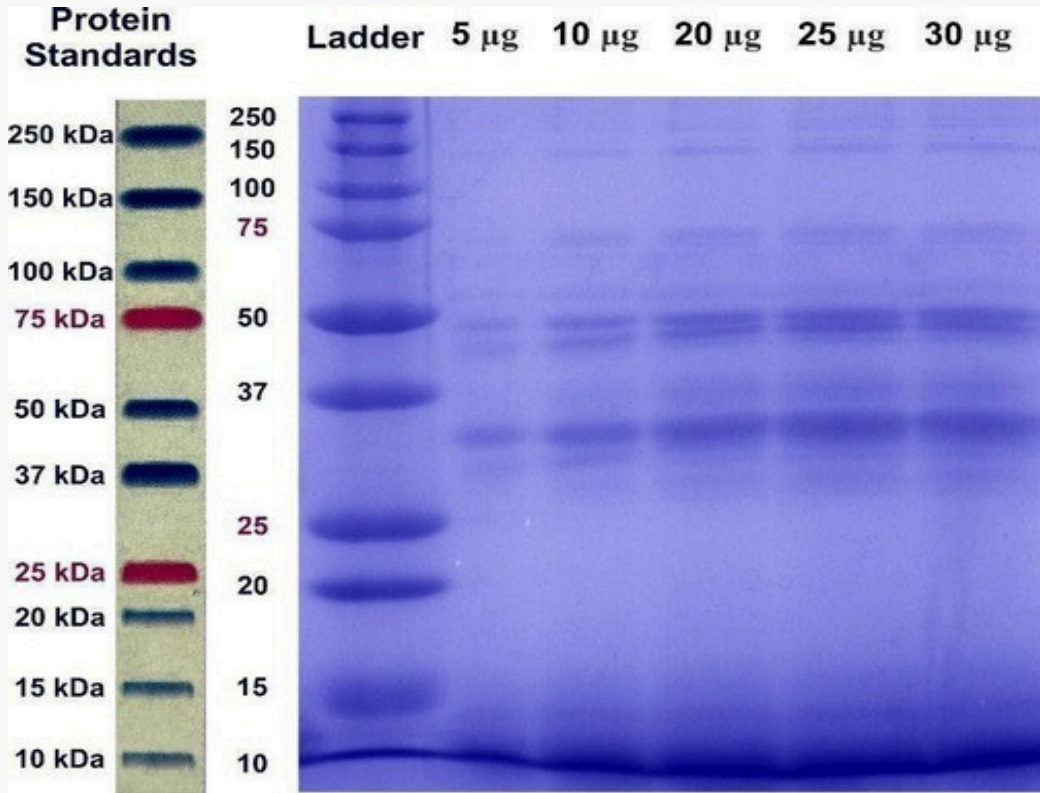




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SDS-PAGE Analizi

Electrophoretic separation of the poison was carried out vertically consisting electrophoresis system with of 4-15% acrylamide. Lane 1: Molecular Weight Standard (10-250 kDa), 2nd Lane: 5 μ g : *Androctonus Crassicauda* venom, Lane 3: 10 μ g *Androctonus Crassicauda* venom, 4. Lane 20 μ g : *Androctonus Crassicauda* venom, Lane 5: 25 μ g *Androctonus Crassicauda* venom, 6. Lane 30 μ g *Androctonus Crassicauda* venom. As a result of SDS-PAGE analysis *Androctonus Crassicauda* venomumundadifferent proteins of various sizes were detected.



Vet. Doctor Salih Salar