



Enzyme kinetics of RNase present in Testes

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Abstract:

RNase A is one of the secretory enzymes of pancreas and secreted in to the digestive tract for digestion of RNA present in the food. In RNaseA super family RNase H2 was known to involve in protection against chromosomal instability in yeast strains whereas in male wistar rats testes by RNaseA. Drug Metosartan was proven to cause chromosomal instability in testes. So, identification of RNase present in testes proven to be useful as it protects testes against chromosome instability. Column chromatography was one of the techniques used here to isolate RNase present in the testes and enzyme kinetics was performed with column isolated enzyme to know the inhibition pattern of the enzyme, and to find $K_{0.5}$ and V_{max} .

Biography:

Eswari Beeram is an assistant professor in Sri Venkateswara University at Tirupati,

Andhra Pradesh, India.



Recent Publications:

- Eswari Beeram, J Cutan Aesthet Surg. Jan-Mar 2019
- Eswari Beeram, J Environ Manage. 2018
- Eswari Beeram, Curr Drug Discov Technol. 2018
- Eswari Beeram, Iran J Microbiol. 2016
- Eswari Beeram, World J Microbiol Biotechnol. 2015

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