

RNase A

CERTIFICATE OF ANALYSIS

# RP145x20	RNase A
Batch Number:	576573
Expiry Date:	10.2019
Store at:	-20°C
Shipping conditions:	Ambient temperature
Specification:	<p>RNase A specifically cleaves at the 3'-side of pyrimidine (uracil or cytosine) phosphate bonds. Ribonucleases do not hydrolyze DNA, because the DNA lacks 2'-OH groups essential for the formation of cyclic intermediates. The enzyme is active under a wide range of reaction conditions. At low salt concentrations (0 to 100 mM NaCl), RNase A cleaves single-stranded and double-stranded RNA as well the RNA strand in RNA-DNA hybrids. However, at NaCl concentrations of 0.3 M or higher, RNase A specifically cleaves single-stranded RNA. RNase is supplied as a lyophilized powder.</p>

QUALITY CONTROL

Parameter	Analysis
Appearance	White lyophilizate
Activity	104 U/mg (Kunitz)
DNase contamination	Not detectable
Protease contamination	Not detectable

Quality authorized by: Justyna Leibner-Ciszak Date: 02.10.2018

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This product of Blirt S.A . has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

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