

RNase A

CERTIFICATE OF ANALYSIS

#RP14, RP145	RNase A
Batch Number:	666572
Expiry Date:	10.2018
Store at:	-20°C
Shipping conditions:	Ambient temperature
Specification:	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.

QUALITY CONTROL

Parameter	Analysis
Appearance	White lyophilizate
Activity	107 U/mg (Kunitz)
DNase contamination	Not detectable
Protease contamination	Not detectable

Quality authorized by: Justyna Leibner-Ciszak Date: 11.10.2017

This document was generated electronically and is therefore valid without signature.



PRODUCT USE LIMITATION

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

DISCLAIMER OF WARRANTY

Blirt S.A. warrants that until expiry date quality is in conformance with the specifications stated in the Certificate of Analysis, provided that product was stored properly in the original packaging. If any event Blirt S.A. liability is limited to replacing free of charge any batch or item of the Product which is shown to have been conforming before expiry date. Blirt S.A. makes no other warranties of any kind and specifically excludes and excludes all other warranties, directly or indirectly, express or implied including, without limitations, as to the suitability, productivity purpose or use, merchantability, condition, or any other matter with respect to Blirt S.A. products.

LIMITATION OF LIABILITY

In no event should Blirt S.A. be liable for any direct, indirect, incidental, special, punitive or consequential damages that may result from the use or inability to use any product. By purchasing any product from Blirt S.A., the purchaser acknowledges and agrees that the sole remedy of any claim by it or for it is free replacement of product deemed no to conform to its stated specifications.