



FastAmp® Viral and Cell Lysis Solution

Manual

Catalog #	Package Size
4630	12.5 mL
4631	50 mL
4633	250 mL
4636	10 mL, 5X



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Intact Genomics, Inc.

FastAmp® Viral and Cell Lysis Solution**Table of Contents**

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Description:

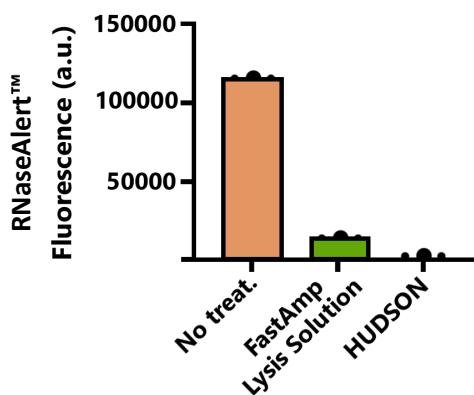
Intact Genomics proprietary FastAmp® Viral and Cell Lysis Solution (former name: FastAmp® DNA, RNA and Cell Solution) can be utilized for saliva/swab samples resulting in viral/cell lysis, and significantly simplifying this process. This solution streamlines specimen collection and DNA or RNA preparation processes including sample collection, transport, maintenance, viral/cell lysis, and viral RNA stabilization. After using the solution, the lysed DNA or RNA may be directly used in PCR, RT-qPCR, RT-isothermal DNA amplification, without the need of an RNA extraction step.

Intact Genomics FastAmp® Viral and Cell Lysis Solution can be used various sample and cell types stabilizing and prepping DNA or RNA for subsequent PCR or cDNA synthesis, saving your team significant time and resources.

Benefits:

- No DNA or RNA extraction is needed
- Low toxicity to humans/environment. Safe for sample transport and maintenance
- Speeds up Covid-19 and other testing processes
- Compatible with various types of tissues including plants
- Compatible with different detection technologies
- Increased efficiency, specificity, and sensitivity
- Results approved and published by top scientists*

RNase Inactive in Saliva by FastAmp® Lysis Solution



Simplified Cas13-based assays for the fast identification of SARS-CoV-2 and its variants. Nat Biomed Eng. 2022 August ; 6(8): 932–943.
doi:10.1038/s41551-022-00889-z.

Product Components:

FastAmp® Viral and Cell Lysis Solution

Storage:

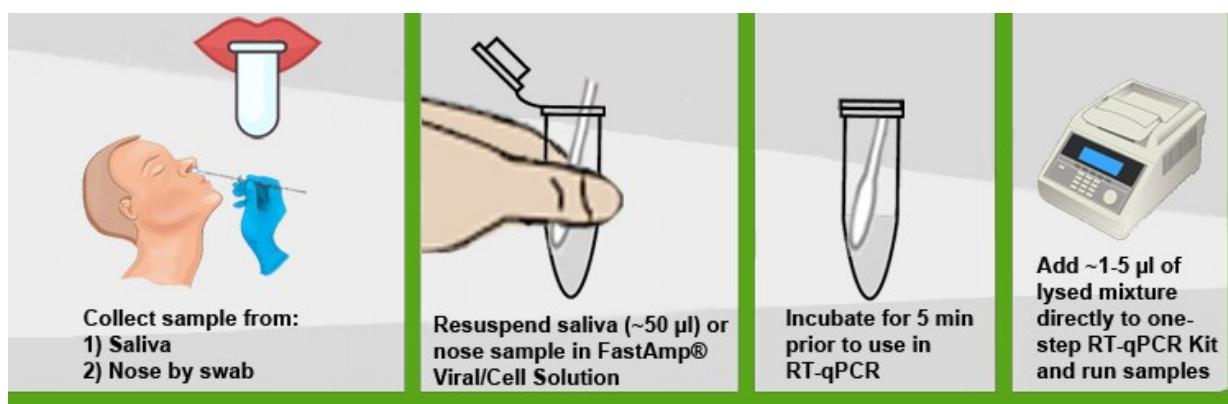
Room Temperature

Quality Control:

We strictly test each batch of products to ensure that they meet or exceed our published performance specifications before stocking.

Example Protocol for Covid-19 Testing:

- 1) Collect a sample-saliva: ~300 µl of saliva. Or
2) Collect a sample-swab
2. Resuspend the swab or 50 µl of saliva in the viral-lysis solution (500 µl) to obtain viral-lysis mixture.
3. Keep the viral-lysis mixture at room temperature for 5 mins.
4. Add 1~3 µl of viral-lysis mixture directly to optimized Intact Genomics igScript™ One-step RT- qPCR kit for SARS-CoV-2 detection. The viral-lysis mixture can also be stored or transported for one month at room temperature, or long-term (months) at refrigerated temperature (-20°C or -80°C).



Related Products:

- igScript™ One Step RT-qPCR Kit (Cat.# 4214, 4218)
- igScript™ One Step RT-qPCR Kit (Cat.# 4211, 4213)
- IG® RPA Master Mix (Cat.# 3545, 3547, 3549)
- ig® Recombinase Polymerase Amplification (RPA) Kit v2 (Cat.# 3533, 3534, 3536)
- FastAmp® Plant Cell Lysis Solution (Cat.# 4611)

Ordering Information:

- Order online within the USA. Place orders on www.intactgenomics.com using our secure Shopping Cart.
- Order by email, phone, or fax.
Email: sales@intactgenomics.com
Phone: (314) 942-3655 | Toll-free : 855-835-7172 | Fax: (314) 942-3656
- Order via our distributors.

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Intact Genomics is dedicated to practicing and maintaining science and technology ethics. Buyer agrees to use the purchased materials in full compliance with applicable law and regulations.

Technical Support & Customer Services

Intact Genomics (IG®) is dedicated to customer satisfaction regarding the use of our products for your research needs. Each new lot of our products is thoroughly tested to ensure it meets the high quality standards and provide excellent results. We appreciate your business and your feedback regarding the performance of our products in your applications. Please follow the instructions carefully and contact us if additional assistance is needed.

Our hours are Monday - Friday, 8 AM to 5 PM, U.S. central standard time (CST).

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