



FastAmp® Viral and Cell Lysis Solution

Manual

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



visit us online for more
products & custom services

Intact Genomics, Inc.

Table of Contents

Product Description	3
Benefits.....	3
Components and Storage.....	4
Quality Control	3
Example Protocol for Covid-19 Testing	4
Protocol	4
Related Products	5
Ordering Information.....	5
Additional Information.....	6
Technical Support & Customer Services.....	6

Description:

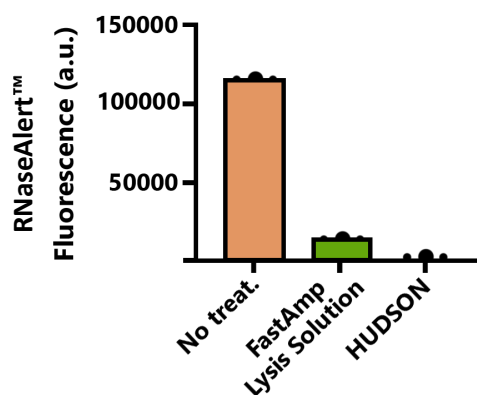
Intact Genomics proprietary FastAmp® Viral and Cell Lysis Solution (former name: FastAmp® DNA, RNA and Cell Solution) can be utilized for saliva/swab samples resulting in viral/cell lysis, and significantly simplifying this process. This solution streamlines specimen collection and DNA or RNA preparation 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:

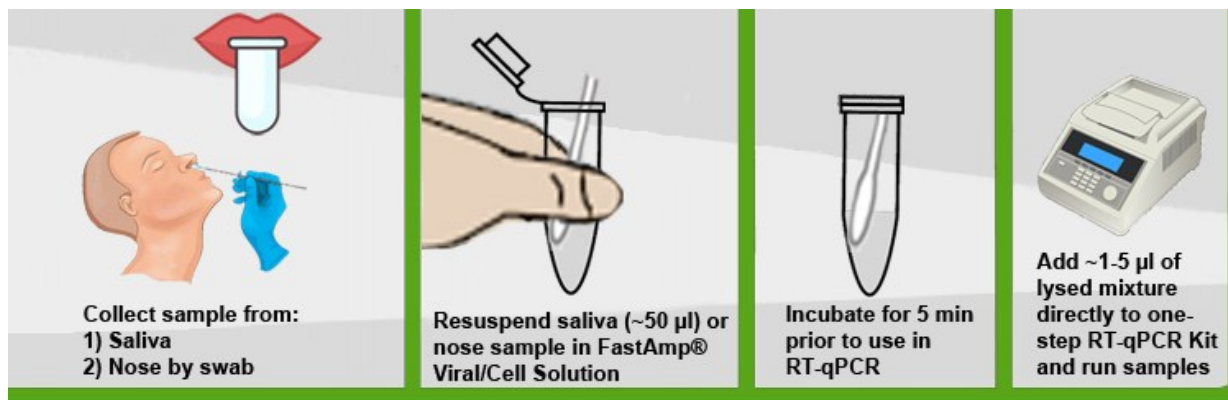
Room Temperature

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.



Intact Genomics owns the following registered trademarks granted by the United States Patent and Trademark Office (USPTO): Intact Genomics®, IG®, ig®, igTherapeutics®, FastAmp®, i7®, DirectPlate®.

All technology protocols discussed within this manual are assumed proprietary to Intact Genomics. This Product may be covered by pending or issued patents or may have certain limitations. Please contact us for more information.

Product Use Limitation and Disclaimers

This product is intended primarily for research purposes. By purchasing this material, the buyer is granted a non-transferable license to use it in research conducted by the buyer, including teaching, non-commercial, or commercial research activities. The buyer may not sell, distribute, or otherwise transfer this material, any of its components, or any unmodified derivatives to any third party without prior written consent from Intact Genomics.

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).

Intact Genomics, Inc.

11840 Westline Industrial Drive, Suite 120,
St. Louis, MO. 63146, USA

Phone: (314) 942-3655 | **Toll-free :** 855-835-7172 | **Fax:** (314) 942-3656

Email: sales@intactgenomics.com | ig@intactgenomics.com

Website: www.intactgenomics.com

© 2025 Intact Genomics, Inc
All Rights Reserved

