

intype[®] IC-RNA Handbook

Control RNA for real-time RT-PCR



1 ml (cat. no. IC289970)



INDICAL BIOSCIENCE GmbH, Deutscher Platz 5b,
04103 Leipzig, Germany

Contents

Reagent contents.....	2
Intended use	3
Symbols	3
Quality control.....	3
Storage	4
Safety information.....	4
Extraction control.....	5
Amplification control.....	5
Change index.....	7

Reagent contents

intype IC-RNA	
Cat. no.	IC289970
intype IC-RNA (ca. 8×10^5 copies/ μ l)	1 x 1 ml
Handbook	

Intended use

intype IC-RNA is a heterologous control RNA. It can be used as amplification control to exclude false-negative results caused by PCR inhibitors and as control for RNA extraction.

Symbols



Legal manufacturer



Lot number



Use by date



Temperature limitations for storage



Handbook



Catalog number

Quality control

In accordance with INDICAL's ISO-certified Quality Management System, each lot of intype IC-RNA is tested against predetermined specifications to ensure consistent product quality.

Storage

The intype IC-RNA should be stored at -30°C to -15°C and is stable until the expiration date stated on the label. Avoid repeated thawing and freezing (>5x).

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available from your local sales representative or by Email request under **compliance@indical.com**.

All sample residues and objects that have come into contact with samples must be decontaminated or disposed of as potentially infectious material.

Extraction control

The addition of intype IC-RNA to the sample that is to be extracted should be adjusted to the extraction protocol used. intype IC-RNA should be added after pipetting the lysis buffer to the sample to be extracted. In case the extraction method used includes a lysis step in combination with a heating step, it is recommended to add intype IC-RNA after the heating step. The volume of intype IC-RNA depends on the final elution volume and should be 1/10 of the elution volume (i.e. add 5 µl intype IC-RNA for 50 µl elution volume).

Amplification control

Add intype IC-RNA to the Master Mix of your RT-PCR. The appropriate volume of intype IC-RNA should be tested for each RT-PCR protocol.

INDICAL offers a range of ELISA kits and real-time PCR and real-time RT-PCR kits for the detection of animal pathogens.

Visit **www.indical.com** for more information about bactotype, cadof, cattletype, flocktype, pigtype and virotype products.

For up-to-date licensing information and product-specific disclaimers, see the respective INDICAL kit handbook or user manual.

Limited License Agreement for intype IC-RNA

Use of this product signifies the agreement of any purchaser or user of the product to the following terms:

1. The product may be used solely in accordance with the protocols provided with the product and this handbook and for use with components contained in the kit only. INDICAL grants no license under any of its intellectual property to use or incorporate the enclosed components of this kit with any components not included within this kit except as described in the protocols provided with the product, this handbook, and additional protocols available at www.indical.com. Some of these additional protocols have been provided by INDICAL users for INDICAL users. These protocols have not been thoroughly tested or optimized by INDICAL. INDICAL neither guarantees them nor warrants that they do not infringe the rights of third-parties.
2. Other than expressly stated licenses, INDICAL makes no warranty that this kit and/or its use(s) do not infringe the rights of third-parties.
3. This kit and its components are licensed for one-time use and may not be reused, refurbished, or resold.
4. INDICAL specifically disclaims any other licenses, expressed or implied other than those expressly stated.
5. The purchaser and user of the kit agree not to take or permit anyone else to take any steps that could lead to or facilitate any acts prohibited above. INDICAL may enforce the prohibitions of this Limited License Agreement in any Court, and shall recover all its investigative and Court costs, including attorney fees, in any action to enforce this Limited License Agreement or any of its intellectual property rights relating to the kit and/or its components.

For updated license terms, see www.indical.com.

Trademarks: bactotype®, cador®, cattletype®, flocktype®, intype®, pigtype®, virotype® (INDICAL BIOSCIENCE GmbH). Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.

HB-1742-EN-002 © 2018 INDICAL BIOSCIENCE GmbH, all rights reserved.

Change index

Handbook	Version	Change
HB-1742-EN-002	June 2018	INDICAL design

INDICAL
BIOSCIENCE

Ordering: www.indical.com/contact
Technical Support: support@indical.com
Website: www.indical.com