

## 50 years of innovation: *Helping you take on the challenges of tomorrow*

Front cover photo by Nathan Dumlao on Unsplash  
[https://unsplash.com/@nate\\_dumlao?utm\\_source=unsplash&utm\\_medium=referral&utm\\_content=creditCopyText](https://unsplash.com/@nate_dumlao?utm_source=unsplash&utm_medium=referral&utm_content=creditCopyText)

### References

- 1 McKie, P.M. et al. (2016). *J Am Coll Cardiol* 68(22), 2437-2439.
- 2 Zeisler, H., Llorba, E., Chantraine, F. et al. (2016). *N Engl J Med*.
- 3 Tina-quant Hemoglobin A1c Gen. 3 package insert. Roche Diagnostics. 2018.

---

COBAS, ELECSYS and TINA-QUANT are trademarks of Roche.

© 2018 Roche

**Published by:**  
 Roche Diagnostics International Ltd  
 CH-6343 Rotkreuz  
 Switzerland

[diagnostics.roche.com](https://diagnostics.roche.com)



# 50 years of innovation

## Putting the laboratory at the centre of healthcare to come

Roche Diagnostics is dedicated to helping clinical laboratories lead the way in healthcare transformation and meet the challenges of a changing world. Over half a century, we have developed a unique range of market-leading Serum Work Area solutions and personal consultancy packages to help you seek greater efficiency and accuracy in every detail, with benefits that reach far beyond the laboratory. From components and innovative assays to cutting-edge technology and smart automation, you can make our experience your advantage, helping diagnostics drive the future of healthcare to come.

# 50 1 YEARS

### Partnership Roche – Hitachi

The origin of pioneering diagnostic innovations from Roche began 40 years ago, when Hitachi and formerly Boehringer Mannheim teamed up for the sales and development of automated analyzers for clinical laboratory testing of body fluids. Since the introduction of the Hitachi 706 D to the German market in 1978, a new generation of automated analyzers paved the way to an unbroken sequence of industry's first innovations under the name of **cobas**<sup>®</sup>.

### Launch of COBAS INTEGRA<sup>®</sup>

We launched **COBAS INTEGRA<sup>®</sup>** in 1995 that introduced innovation via integration of multiple testing technologies (ISE, photometric and fluorescence polarization) in the one analytical system. The **COBAS INTEGRA<sup>®</sup>** cassette is additionally the forefather of today's **cobas c** pack.

### First consolidated SWA solution: MODULAR ANALYTICS

We pioneered the concept of the Serum Work Area (SWA) in 2002 by being the first company to integrate Clinical Chemistry with Immunoassay testing in a modular and scalable system to help consolidate workload and maximize lab efficiency.

### cobas<sup>®</sup> family pioneering common reagent and platform concept

With the launch of **cobas<sup>®</sup> 6000** in 2006, we were the first to introduce a common reagent and system platform. This gives healthcare organizations exactly what they need: analytical platforms that satisfy low-, medium- and high-volume testing needs all standardized on the same reagents, detection methodology, and software system.

### Tina-quant<sup>®</sup> Lp(a) Gen. 2

The first method in the world to accurately and reliably measure Lp(a) on a fully consolidated platform independent of the molecular weight.

### cobas c 513 analyzer, first fully automated high throughput HbA1c solution

This dedicated, fully automated high throughput HbA1c solutions sets a new precedent in HbA1c testing efficiency.

### 50<sup>th</sup> anniversary of Roche Clinical Chemistry

Roche has more than 50 years' experience in developing Clinical Chemistry reagents which have made a difference in people lives in the past 50 years. Our unique reagent concept, robust standardization strategy and innovation for medical value, helps our customers to face their clinical chemistry testing with confidence, now and in the future.

