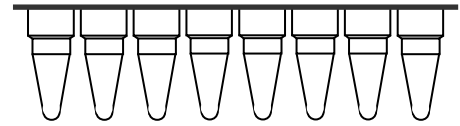


# RoboStrip®

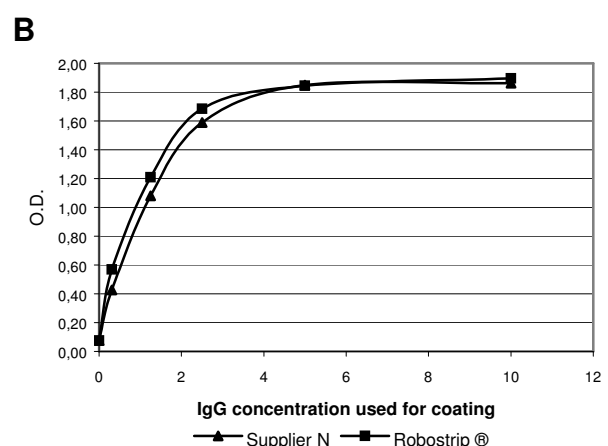
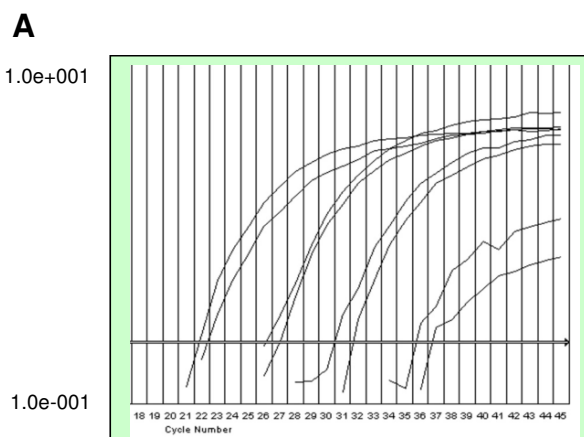
**8-Tubes/strips (0.2 ml) for use with conventional and real-time PCR/RT-PCR/Immuno-PCR**



## RoboStrip®

Optimized properties & favourable price

- Material** - polycarbonate, clear, UV light treated
- Properties** - thin-walled 8 tubes/strips  
 - excellent heat transfer and temperature resistance properties  
 - improved amplification yield and target sensitivity compared to polypropylene strips  
 - 4-fold increased surface for improved stuck adherence of covers  
 - capless, to be closed with adhesive covers  
 - optimal volume constancy due to reduced condensation at the tube walls  
 - high protein binding capacity for use with immuno PCR (see Fig. B)
- Application** - suitable for PCR thermocyclers supporting the low profile 96-well microplate format, e.g. Alpha SC, Satellite SC (Analytik Jena)  
 - designed for real-time PCR /RT-PCR/immuno PCR applications, particularly for use with MJ Research Opticon, Bio-Rad`s MiniOpticon, DNA Engine Opticon 2, etc.
- Sensitivity** - improved target sensitivity in real time PCR application compared to polypropylene strips (Fig. A)



**Comparison of RoboStrip® 8-Tube/strips with conventional PCR and ELISA strips**

- A** Real-time PCR analysis of BCR-ABL standard DNA using the ABI PRISM™ 7000 SDS: 100.000, 2.500, 100 and 5 molecules of BCR-ABL (left to the right). Left curves, respectively: RoboStrip 8-Tube/Strips, right curves, respectively: optical polypropylene tubes of supplier A. Roboscreen 8-Tube/Strips provide double sensitivity in RT-PCR in comparison to the competitor strip obvious by a C<sub>T</sub> shift of approx. one cycle to the left
- B** Protein binding capacity measured by direct ELISA. Detection of plastic-bound rabbit IgG with HRP labeled anti-rabbit antibody. The protein binding is similar to that of plastic strips from supplier N which are particularly developed for ELISA application.

**Ordering information**

<b>Product/ Description</b>	<b>Cat.No.</b>	<b>Package size</b>
RoboStrip® 8 tubes/strips (0.2 ml), capless, without sealing covers	0501000103	125 Strips/box,
RoboStrip® 8 tubes/strips (0.2 ml), capless, including sealing covers	0501000102	125 Strips/box, 12 adhesive optical covers

AJ Roboscreen GmbH  
Delitzscher Strasse 135  
D-04129 Leipzig

[www.aj-roboscreen.com](http://www.aj-roboscreen.com)

phone: +49 (0) 341 / 989734-0  
Fax: +49 (0) 341 / 989734-199  
Email: info@aj-roboscreen.com