



CODE PQS E06/07

**Freeze-tag®** Freeze-indicator

Manufactured in Malaysia

COMPANY NAME AND ADDRESS

Berlinger & Co AG
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Switzerland

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Website: www.berlinger.comE-Mail: info@berlinger.com**SPECIFICATIONS**

Temperature threshold	-0.5°C
Accuracy of temperature threshold	± 0.5°C
External dimensions	50x31x10.5 mm.
External Material	ABS
Weight	0.012 kg
Number per package	450 pcs

COMMENTS

Test report: Metas, Swiss national reference laboratory, (December 2007)
Meets Performance features requested by WHO – WHO/PQS/E06/IN03.1
SGS - ISO 9001:2000 Certification since May 1999, last audit 18 May 2008

Function: An irreversible temperature indicator that shows if a product, such as vaccine has been exposed to freezing temperatures. It consists of an electronic temperature measuring circuit with associated LCD-display. If the indicator is exposed to a temperature below $-0.5^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ for more than $60\text{min} \pm 3\text{min}$ the display will change from the "good" status into the "alarm" status. A small blinking dot in the right hand corner of the LED display indicates that the device is functioning.

Use: The indicator is used to warn of freezing and is packed with DPT and its combinations, TT as well as with Hepatitis B and other freeze sensitive vaccine. Shelf life is up to 5 years.

2009 PRICES (Ex Works)

450 pieces	CHF 5.30
upon 1 350 pieces	CHF 4.60
upon 4 500 pieces	CHF 4.30
upon 10 000 pieces	CHF 4.00

Shipping volume	0.03 m ³
Shipping weight (450 pcs)	6.5 kg
Minimum order:	450 pcs

Prequalified on 27 May 2008