

Biosensor LV5 , packaged sensor



Flow-through biosensor for multiparametric measurement (Glucose and Lactate as standard).

Note: Not for medical, diagnostics and use on humans. For evaluation use only. For more information contact IST AG.

Product Name: B.LV5.GL.C010.ST.L050.ECC.R

Analyte: Glucose, Lactate

Abmessungen: 10.0 x 4.0 x 0.4 mm (H with flow cell: 1.23 mm)

Bauart: Flow-through cell

Nenndurchflussbereich: 0.3 μ L to 1 μ L

Anschluss: \varnothing inner: 0.5 mm (0.15 mm available upon request)

Arbeitselektrode: Platinum covered with enzyme membrane

Leere Elektrode: For background compensation

Referenzelektrode: Silver / silver chloride

Gegenelektrode: Platinum

Messbereich Glukose: 0.05 mM to 25 mM / 0.01 to 4.5 g/l

Laktat-Messbereich: 0.02 mM to 15 mM / 0.002 to 1.5 g/l

Sterilisation: Beta or gamma sterilization is possible (25 kGy typical); sensitivity increases upon radiation; lactate sensors life time is reduced; Initial bioburden < 1 cfu per sensor

Haltbarkeitsdauer: >6 months (at recommended storage conditions)

Betriebslebensdauer: > 2 weeks continuous operation; > 4 weeks in analyzer mode

Product Old code: 390.00154

Product code: 105128

Product details

Benefits & Characteristics of the LV5 sensor

- Excellent long-term stability over a month in continuous measurement mode (lifetime varies depending on various factors, including the analyte concentration and buffer system (medium) amongst others)
- Long shelf life (under appropriate environmental conditions)
- Gamma and beta sterilization compatible
- Suitable for continuous and analyzer measurement modes
- Fast response time (depends on the buffer system (medium))
- Reference, counter and blank electrodes on-chip
- Integrated flow cell (various volumes)

Disclaimer

Evaluation product for professionals to be used solely for research and development purposes! Not for medical and diagnostic use. Not to be used on humans. For more information contact IST AG.

Quality

Consistent with the well-known, high-quality standards in Switzerland, IST AG is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment). Appropriate processes are part of our daily work. They are regularly audited and

extended parallel to the growth of our company.

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The online shop

Quantity (pieces)	Price (per piece)
1-9	CHF 357.70
10-49	CHF 316.50
50-100	CHF 277.80

Lager: **0**