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PERPHORMAX™

INSTALLATION INSTRUCTIONS



IVD

EC

REP

CE Partner4U, Esdoomlaan 13,
3951DB Maam, The Netherlands

Electrode K+

PN: MU9195 OL

Type: Liquid/liquid junction - Neutral carrier (valinomycin) in a PVC matrix.

Use: This electrode is for *in vitro* diagnostics use only. Used for the quantitative determination of potassium on Olympus AU series chemistry analyzers.

Precautions: This electrode has been tested for control recoveries using Beckman Synchron Controls, BioRad Lypocheck serum/urine, N.I.S.T. SRM 909b and Vital Scientific Align linearity standards/controls. *Minor control shifts may occur!* PVI recommends that an independent correlation study be considered to confirm the appropriate operational parameters for your laboratory before utilizing this product in compliance with good laboratory practices. Our studies indicate that in cases studied recovered values were equivalent to recoveries generated by an OEM potassium electrode.

Pearson Correlation equal to or better than .999. (See note 1 for further information.) Our tests also indicates improved selectivity (K over NA), and improved Linearity in higher ranges (150-200 mmol).

See note 1 for further information. DO NOT run this electrode without Oring seal installed - leakage will occur!

Initial Installation: This electrode has been prepared for installation at the factory. Remove from sealed packaging and install per instrument manufacturer's instructions (these will vary slightly depending on instrument model).

Maintenance: Follow OEM recommended procedure(s) in instrument operators manual. Procedure will vary depending on the specific analyzer model.

References and Interferences:

Friedman, Clin. Chem. 1980, **26**, 4 Young, Clin. Chem. 1975, **21**, 5
Note 1 - A comparison of Olympus and Perphormax Brand Ion-selective Electrode Response; D. Nagahara, *Internal White Paper*, January, 2008;
Peripheral Visions, Inc.

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