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PERPHORMAX™

INSTALLATION INSTRUCTIONS



IVD

EC

REP

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

Electrode CL-

PN: MU9196 OL

Type: Silver/Silver chloride matrix with a HPU film coating.

Use: This electrode is for *in vitro* diagnostics use only. Used for the quantitative determination of Chloride 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. *Some control shifts may be encountered due to differences in interferences and control constituents!* Example - a control containing carbonates, bicarbonates, or salicylates will elevate the values obtained for the Olympus Chloride Electrode, and not for the PVI electrode (the PVI chloride will read lower) - controls containing iodide, bromide, or thiocyanates will cause the PVI chloride to read higher than the Olympus electrode. 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 you can expect a more consistent adherence to literature *coulometric* values. A Pearson Correlation equal to or better than 0.999 was obtained using the controls and standards mentioned above. (See note 1 for further information.)

See note 1 for further information. DO NOT run this electrode without O-ring 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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