

CORMAY Lp(a) CALIBRATORS

CALIBRATORS FOR DETERMINATION OF LIPOPROTEIN (a) CONCENTRATION



Kit name	Kit size	Cat. No
CORMAY Lp(a) CALIBRATORS	5 x 1 ml	4-281

INTRODUCTION

Lipoprotein (a) is a complex, cholesterol-carrying particle in the blood related to LDL which, when present at high levels, may be associated with the development of atherosclerosis and coronary heart disease, independent of LDL cholesterol and apoB. The structural component of Lp(a) distinguishing it from LDL is apolipoprotein(a), a large protein attached by disulfide bonding to the apoB-100 component of LDL. The similarity of the apo(a) sequence to those of plasminogen and hepatocyte growth factor suggests that the role of lipoprotein(a) in promoting the development of atherosclerosis may come from its capability to:

- 1) interfere in the breakdown of blood clots,
- 2) stimulate atherosclerotic cell proliferation.

Lp(a) levels is largely due to hereditary factors and considered to be useful in assessment of atherosclerosis risks.

CORMAY Lp(a) CALIBRATORS kit is prepared by lyophilising human serum which contains Lp(a) at various concentrations.

CORMAY Lp(a) CALIBRATORS kit is dedicated for calibration of lipoprotein (a) determinations on automatic analysers.

PACKAGE

CORMAY Lp(a) CALIBRATORS

5 different concentrations x 1 ml (when reconstituted)

The exact concentration of Lp (a) is printed on the label.

RECONSTITUTION

Carefully remove the rubber cap from vial and add 1 ml distilled water to the vial. Recap and leave at room temperature for 15 minutes, inverting gently to dissolve contents.

STABILITY AND STORAGE

Unopened calibrator is stable at 2-10°C until the expiration date printed on the vial. Once reconstituted, calibrators are stable for two weeks when stored at 2-10°C. Protect from light.

WARNINGS AND NOTES

- Product for in vitro diagnostic use only.
- As the colours of caps vary according to Lp(a) concentrations in the vial, care should be taken not to interchange the caps.
- When removing the rubber cap, avoid dispersing any lyophilised powder attached to the insides of the cap. Use appropriate laboratory gloves, clothing, etc. when handling and wash hands thoroughly after use.
- The calibrators should not be mixed with ones in the other vial.
- The calibrators should be used according to this kit insert.
- The calibrators are based on human serum that has been tested for HBsAg and antibodies to HIV and HCV and found to be non-reactive. However, this material should be handled as thought capable of transmitting infectious disease.
- The calibrators contain sodium azide (< 0.1%) as a preservative. Avoid contact with skin and mucous membranes.

TRACEABILITY

Lp(a) calibrators are prepared referring to the IMMUNO Reference Standard Human Lp(a).

WASTE MANAGEMENT

Please refer to local legal requirements.

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MANUFACTURER

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