

# CORMAY FERRITIN CALIBRATORS

## CALIBRATORS FOR DETERMINATION OF FERRITIN CONCENTRATION



<b>Kit name</b>	<b>Kit size</b>	<b>Cat. No</b>
CORMAY FERRITIN CALIBRATORS	4 x 2 ml	4-491

### INTRODUCTION

Ferritin is an iron-containing protein with a molecular weight of approximately 450 kD. It is found mainly in the human liver and spleen, where its function is to eliminate and store iron in the body, and is also found in small amounts in human serum. This amount varies according to the movement of iron in the body, and hepatitis and malignant tumors, may be seen to increase due to cell destruction or tumor cell production, independent of iron reserves. Consequently, the measurement of ferritin is considered to be useful in the diagnosis, treatment, assessment of disease progression, and postoperative prognosis for such disease conditions.

CORMAY FERRITIN CALIBRATORS kit is prepared by diluting ferritin with normal human serum albumin at various concentrations. Concentrations are shown on each vial and in this kit insert.

CORMAY FERRITIN CALIBRATORS kit is dedicated for calibration of ferritin determinations on automatic analysers.

### PACKAGE

Cap colour	Ferritin level	Size
WHITE	100 ng/ml	1 x 2 ml
GREEN	200 ng/ml	1 x 2 ml
YELLOW	500 ng/ml	1 x 2 ml
BROWN	1000 ng/ml	1 x 2 ml

The calibrators are ready to use.

### STABILITY AND STORAGE

Unopened calibrator is stable at 2-10°C until the expiration date printed on the vial. After first opening calibrator is stable for 10 weeks 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 ferritin levels in the vials, care should be taken not to interchange the caps.
- 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 though capable of transmitting infectious disease.
- The calibrators contain sodium azide (< 0.1%) as a preservative. Avoid contact with skin and mucous membranes.

### TRACEABILITY

Ferritin calibrators are prepared referring to the WHO standardization.

### WASTE MANAGEMENT

Please refer to local legal requirements.

**Date of issue:** 08. 2017.

### MANUFACTURER

**PZ CORMAY S.A.**  
ul. Wiosenna 22,  
05-092 Łomianki, POLAND  
tel.: +48 (0) 22 751 79 10  
fax: +48 (0) 22 751 79 14  
<http://www.pzcormay.pl>