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Antifreeze Oxalate (STAGE-2) **BI-LEVEL CONTROLS**

See reverse side for EG control testing

Lot # 0941 Exp DATE: DEC 22, 2020 0 mg/dL NEGATIVE NORMAL CONTROL (GREEN TOP)
Lot # 092 Exp DATE: DEC 22, 2020 1.5 mg/dL POSITIVE ABNORMAL CONTROL (BLUE TOP)

The Kacey Ethylene Glycol Oxalate Stage 2 Control consists of two (2) different levels of a special proprietary treated Oxalate product suspended in a concentrated synthetic plasma like media reagent.

The values are as follows: 0 mg/dL **(GREEN TOP)** & 1.5 mg/dL **(BLUE TOP)**

All solutions of Oxalate have been prepared to create both a normal 0 mg/dL and the abnormal range associated with EG Oxalate Stage 2 poisoning. These Controls have been specifically designed for use with the Kacey Oxalate Test Stage 2 product in order to validate the accuracy of the Kacey Ethylene glycol Stage 2 test known as Oxalate. This product has only been validated for the Kacey Ethylene Glycol Oxalate Stage 2 Test only.

Stability & Storage:

Store the Oxalate Controls in the Refrigerator at 40°C ---DO NOT FREEZE

The controls are stable until the expiration date stamped on the label.

CONTROLS CAN BE USED IMMEDIATELY AFTER BEING REMOVED FROM THE REFRIGERATOR ON THE TEST PADS.

Procedure

1. Select a EG / Oxalate test strip from its' container and immediately recap the vial.
2. Place the test strip on a clean surface with the pads facing up.
3. Apply 10 uL of the Negative Control onto the test pad.
4. Wait TEN(10) minutes and compare the color of the test strip pad against a matching color block that is on the color chart on the vial
5. Repeat steps 1-4 for the Oxalate Positive Control.

The following is a proposed procedure for running controls simultaneously with an unknown sample

1. Place three Oxalate test strips on a clean work bench side by side
2. Place 10 uL sample of the Negative (-) Control **(GREEN TOP TUBE)** onto the pad in the First Strip.(Left Side)
3. Place 10 uL sample of the UNKNOWN SPECIMEN on the Second test Strip (Middle Strip)
4. Place 10 ul sample of the Positive (+) Control **(BLUE TOP)**(1.5 mg/dL) on the Third Strip (Right Side)
Compare the results of the unknown (middle strip) to the other two strips to ascertain the color and value of the unknown sample that is being tested at exactly TEN(10) Minutes after the controls and samples have been added to the test strip pads.

THE RESULT OF THE CONCENTRATION OF THE COLOR IS MEASURED IN mg/dL

The expected range for each of the controls should match the colors for the specific concentration found on the color chart. When testing unknown samples, colors may fall between two color blocks found on the color chart. A blue color might appear to be darker than the 1 mg/dL color block but lighter than the 1.5 mg/dL color block. This color between these two color blocks could be interpreted to be a 1.25 mg/dL value. This estimated value should be considered to be accurate as the test color of the unknown is between to known color blocks.

EXPECTED NORMAL VALUES FOR BOTH DOGS AND CATS SHOULD BE NEGATIVE

Interpretation of results of both EG Stage 1 and Oxalate Stage 2

EGT NEGATIVE & OXALATE NEGATIVE - NO EXPOSURE

EGT POSITIVE & OXALATE NEGATIVE - EARLY EXPOSURE 4MP ANTIDOTE RECOMMENDED

EGT POSITIVE & OXALATE POSITIVE - LATER EXPOSURE 4MP AND IV FLUIDS RECOMMENDED

EGT NEGATIVE & OXALATE POSITIVE - POOR PROGNOSIS

Controls & Specimen Test Results: Use the color chart on bottle to report color results in mg/dL

Reorder # 30406 (EG / OX COMBO BI-LEVEL CONTROLS (3 BTLES)

1 BTLE EA. OF BOTH EG & OXALATE POSITIVE (+) CONTROL 1 BTLE OF BOTH EG & OXALATE NEGATIVE (-) CONTROL