



GEL TEST TECHNOLOGY

MAJOR & MINOR CROSSMATCH TEST
DIRECT ANTIGLOBULIN TEST (COOMBS)



The most sensitive technology to detect auto & allo-antibodies.

DIRECT ANTIGLOBULIN TEST (COOMBS)

Canine



Gel Test DAT

Ref : GT-DAT-C-10

Detection

Canine auto-antibodies

Specificity

Canine IgG/IgM/C3 Anti-globulin

Summary

A Direct Antiglobulin Test (DAT), or Coombs Test, is performed to detect the presence of antibodies against canine red blood cells. It is used in the diagnosis of Immune-Mediated Hemolytic Anemia (IMHA). IMHA is the most common cause of hemolytic anemia in dogs.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **3 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of pRBC's
1 ml of buffer
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
GelTest DAT Canine

Feline



Gel Test DAT

Ref : GT-DAT-F-10

Detection

Feline auto-antibodies

Specificity

Feline IgG/IgM/C3 Anti-globulin

Summary

A Direct Antiglobulin Test (DAT), or Coombs Test, is performed to detect the presence of antibodies against feline red blood cells. It is used in the diagnosis of Immune-Mediated Hemolytic Anemia (IMHA). IMHA is the most common cause of hemolytic anemia in cats.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **3 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of pRBC's
1 ml of buffer
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
GelTest DAT Feline

Equine



Gel Test DAT

Ref : GT-DAT-E-10

Detection

Equine auto-antibodies

Specificity

Equine IgG/IgM/C3 Anti-globulin

Summary

A Direct Antiglobulin Test (DAT), or Coombs Test, is performed to detect the presence of antibodies against equine red blood cells.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **3 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of pRBC's
1 ml of buffer
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
GelTest DAT Equine

CROSSMATCH TEST (XM)

Canine



Gel Test XM

Ref : GT-XM-C-10

Detection

Canine allo-antibodies

Specificity

Canine IgG/IgM/C3 Anti-globulin

Summary

Dogs have many blood types on the surface of their red blood cells : DEA1, 3, 4, 5, 7, DAL... With the absence of reagents for all of these blood groups (except for DEA 1), it is mandatory to perform a reliable Crossmatch Test (XM) before any transfusion.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **5 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of donor pRBC's
25 µl of recipient plasma
1 ml of buffer
10 MINUTES incubation
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
GelTest XM Canine

Feline



Gel Test XM

Ref : GT-XM-F-10

Detection

Feline allo-antibodies

Specificity

Feline IgG/IgM/C3 Anti-globulin

Summary

According to recent publications, it is highly recommended to perform a Crossmatch Test (XM) in cats before the first transfusion. It is now well established that cats possess other blood group systems such as Mik antigen or other unknown systems.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **5 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of donor pRBC's
25 µl of recipient plasma
1 ml of buffer
10 MINUTES incubation
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
Geltest XM Feline

Equine



Gel Test XM

Ref : GT-XM-E-10

Detection

Equine allo-antibodies

Specificity

Equine IgG/IgM/C3 Anti-globulin

Summary

Horses have 7 main blood group systems on the surface of their red blood cells : A, C, D, K, P, Q, U. With the absence of reagents for all of these blood groups (except for Ca), it is mandatory to perform a reliable Crossmatch Test (XM) before any transfusion.

Sample type

Anticoagulated whole blood (EDTA/ACD/CPD)
Do not use Heparin

Shelf life & storage

12 months at 2°C to 8°C

Presentation

10 Gel Test per box

Material needed

Specific centrifuge
Micropipettes
Test tubes



PROTOCOL SUMMARY

 **5 MINUTES** procedure
+ 10 MINUTES centrifugation

10 µl of donor pRBC's
25 µl of recipient plasma
1 ml of buffer
10 MINUTES incubation
SEMI-QUANTITATIVE RESULTS
NO WASHING PROCEDURE



SCAN QR CODE :
Movie procedure -
GelTest XM Equine

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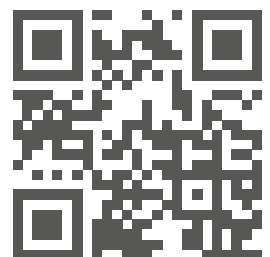
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