



IDEXX Rapid Visual Pregnancy Test

Test protocol

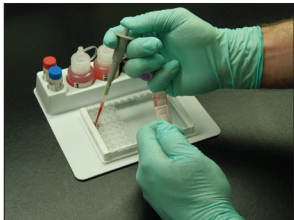
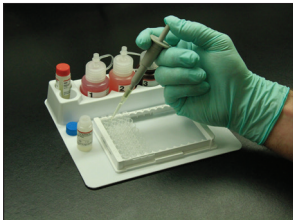
Before you begin

- Allow reagents to come to 18° C–26° C (64° F–79° F).
- Swirl gently to mix.
- Use timer for all incubation steps (such as a smart phone).
- The bottles containing Reagent 1, 2, 3, and 4 require a dropper cap for running the assay. Before use, replace the bottle closures that accompany each of these solutions during shipment with a dropper cap.
- Obtain materials from accessory pack: precision pipette, plate cover, and a wash bottle.
- Make sure there is an adequate supply of distilled or deionized water available for the two wash steps.
- IDEXX recommends no more than 30 samples per testing run (four strips, including controls).



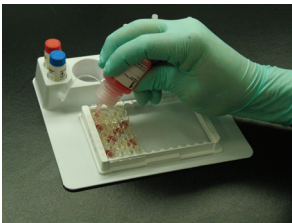
Dispense controls and samples into ELISA plate

- Using precision pipette:
- Dispense 100 μ L (one full pipette tip) of Negative Control into one well.
 - Change tip and dispense 100 μ L (one full pipette tip) of Positive Control into one well.
 - Change tip and dispense 100 μ L (one full pipette tip) of sample into appropriate wells. Use a fresh tip for each sample.
- Note:** Use a fresh tip for each sample.



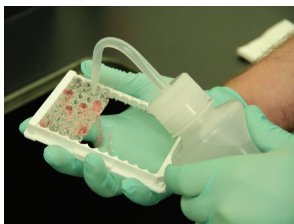
Dispense Reagent 1 (Detector Solution)

- Dispense 3 drops of Reagent 1 into each well.
- Cover the wells with the plate cover, gently tap the plate 10 times and incubate for 7 minutes at 18°C–26°C (64°F–79°F).



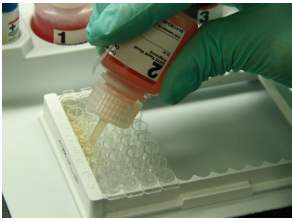
Wash

- Remove cover and invert plate over waste receptacle (or sink).
- Flick the plate downward with force to discard the liquid from all wells.
- Wash the plate by filling each well completely with distilled or deionized water.
- Make sure that the stream of water overflows all wells.
- Invert the plate and discard the water with force.
- Repeat 2 times.
- Firmly tap residual water from each well onto absorbent material.

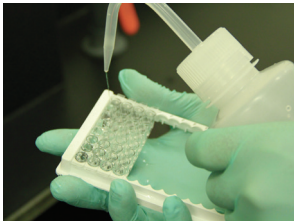


Dispense Reagent 2 (Conjugate Solution)

- Dispense**
- Dispense 3 drops of Reagent 2 into each well.
 - Cover the wells with the plate cover, gently tap the plate 10 times and incubate for 7 minutes at 18°C–26°C (64°F–79°F).

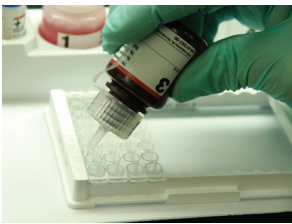


Repeat wash step



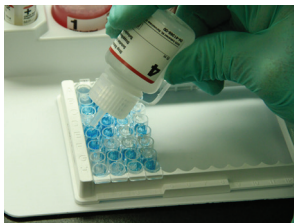
Dispense Reagent 3 (TMB Substrate)

- Dispense TMB Substrate**
- Dispense 3 drops of Reagent 3 into each well.
 - Cover the wells with the plate cover, gently tap the plate 10 times and incubate for 7 minutes at 18°C–26°C (64°F–79°F).



Dispense Reagent 4 (Stop Solution)

- Dispense 3 drops Reagent 4 into each well.
- Gently tap the plate 10 times.



Read plate and interpret results

Read plate and assess validity

For valid results, the positive control well must appear blue. If the positive control does not turn blue, all results for the assay are invalid. Repeat the test following a thorough review of the kit insert.



Positive control

Interpret results

The pregnancy status of each animal is determined by comparing the color development of the sample well to the negative control.

Pregnant

If blue color is visible in the sample well and is greater than that of the negative control well, then PAGs are present and the animal is considered pregnant.

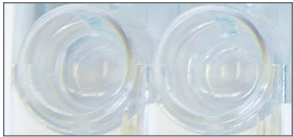


Pregnant

Pregnant

Not pregnant

If the color development of the sample well is less than or the same as the negative control well, the animal is considered not pregnant (open).



Negative control

Open

Doubtful/Suspect

Sample wells that are difficult to interpret visually should be considered doubtful/suspect; pregnancy recheck is recommended.

This protocol is a summary of the steps required to perform the IDEXX Rapid Visual Pregnancy Test. For complete instructions, refer to the package insert. For use with bovine whole blood (EDTA), plasma (EDTA), or serum.

IDEXX Laboratories, Inc.

Worldwide Headquarters
One IDEXX Drive
Westbrook, Maine 04092
USA
Tel: +1 207 556 4890 or
+1 800 548 9997
Fax: +1 207 556 4826 or
+1 800 328 5461

IDEXX Europe B.V.

European Headquarters
Scorpius 60 Building F
2132 LR Hoofddorp
The Netherlands
Tel: +31 23 558 70 00 or
+800 727 43399
Fax: +31 23 558 72 33

IDEXX Laboratories, Inc.

Asian Headquarters
3F-5 No. 88, Rei Hu Street
Nei Hu District
11494 Taipei
Taiwan
Tel: +886 2 6603 9728
Fax: +886 2 2658 8242

IDEXX Brasil

Brasil Headquarters
1478 Av. Brig. Faria Lima
São Paulo, SP
Brasil
Tel: +55 11 3095-5632
Fax: +55 11 3095-5641

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