**SpermMar IgA Test**

**Test for determination of Sperm Antibodies**

A qualitative Sperm Mar Test is designed for detection of Sperm Antibodies of the IgA class.

**Direct Sperm Mar Test**

- This test is intended for use in accordance with the directions in the instructions for use.
- Only those reagents and equipment that are specified in the instruction for use should be used.
- No other reagents or equipment are to be used.
- This test is not for use in the diagnosis of Sperm Antibodies in serum.

**Indirect Sperm Mar Test**

- This test is intended to detect Sperm Antibodies in seminal plasma or cervical mucus.
- The test consists of a procedure for testing the reaction of motile spermatozoa to Sperm Mar IgA serum.
- The test is intended for use in the diagnosis of IgA antibodies in seminal plasma or cervical mucus.

**LIMITATIONS OF THE METHOD**

- The test is not intended for use in the diagnosis of IgA antibodies in seminal plasma or cervical mucus.
- The test is not intended for use in the diagnosis of IgA antibodies in serum.
- The test is not intended for use in the diagnosis of IgA antibodies in other bodily fluids.
- The test is not intended for use in the diagnosis of IgA antibodies in the following bodily fluids:
  - Blood
  - CSF
  - Urine
  - Pleural fluid
  - Peritoneal fluid
  - Pericardial fluid
  - Synovial fluid
  - Vitreous humour
  - Saliva
  - Sputum
  - Faeces
  - Tissues

**REFERENCES**

SpermMar IgG Test

**Direct and Indirect Assay for Sperm Antibodies**

A qualitative Latex Test for the detection of Sperm Antibodies.

**Document references:**

**KIT CONTENTS**

1. SpermMar Latex Particles 0.3 ml
2. SpermMar Antibodies 0.7 ml

**SUMMARY AND EXPLANATION**

The presence of sperm antibodies results in agglutination of the spermatozoa. These antibodies may be used as an indicator of immunological infertility. There are some results indicating that IgG to IgM is clinically more important than IgG antibodies alone. Sperm antibodies may also lead to an inability of normal motile spermatozoa to penetrate the cervical mucus. In addition to sperm antibodies, there are two immunological classes; IgA and IgG antibodies. There are some data indicating IgA to be more clinically important than some data indicating IgG antibodies alone. In the SpermMar Test, IgG antibodies are assayed with latex particles.