

INTRODUCTION

apDia manufactures and sells immunoassays with applications in diverse fields of human *in vitro* diagnostics. In addition to ELISA we offer an extensive range of simple lateral flow immunochromatographic rapid tests (cassette or dipstick).

Through this newsletter we would like to introduce you to some of our rapid tests.

MALARIA RAPID TESTS



Malaria is a mosquito-borne, hemolytic febrile illness that infects over 200 million people and kills more than 1 million people per year. Of all 4 *Plasmodium* species *P. falciparum* and *P. vivax* are the most common pathogens. *P.*

falciparum accounts for most malaria deaths¹.

apDia offers 3 different rapid tests for the detection of Malaria. These tests can be used in all geographical areas, by untrained or minimally skilled persons, without laboratory equipment. They provide a tool for differentiation of different *Plasmodium* species. Kits containing 20 rapid tests are available.

The **Malaria Pf/Pv Ab Combo test (ADRT0111)** is a qualitative test for the detection of antibodies (IgG, IgM and IgA) to the 4 *Plasmodium* species in serum/plasma/whole blood.

The **Malaria Pf/Pv Ag test (ADRT0112)** is a qualitative test for the detection and differentiation of *P. falciparum* antigen and *P. vivax* antigen in whole blood.

The **Malaria Pf/Pan Ag test (ADRT0113)** is a qualitative test for the detection and differentiation of *P. falciparum* antigen and *P. vivax*, *P. malariae* and *P. ovale* antigen in whole blood.

FOB HI RAPID TESTS

apDia has a sensitive rapid assay (**25 ng hHb/ml buffer** or 25 µg hHb/g faeces) for the detection of occult blood in stool. This test can be used in laboratories and physician's offices and is a useful diagnostic aid to detect bleeding caused by a number of gastrointestinal disorders².

The **FOB Hi Rapid Test (ADRT2011)** is available as kits of 20 or 50 test cassettes and sample extraction tubes.

In a couple of weeks a **FOB Hi Rapid Test** with a sensitivity of **50 ng hHb/ml buffer** will be available.

HELICOBACTER PYLORI RAPID TESTS

Helicobacter pylori is associated with a variety of gastrointestinal diseases³.

apDia can deliver 2 different rapid tests for the detection of this bacterium. For both assays kits of 20 rapid tests are available.



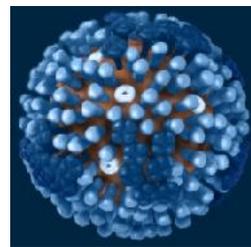
Bron: www.bio.davidson.edu

The ***Helicobacter pylori* Ab Combo Rapid Test (ADRT0191)** is a screening tool for the detection of antibodies (IgG, IgM and IgA) in serum/plasma/whole blood.

The ***Helicobacter pylori* Ag Rapid Test (ADRT0193)** is an immunoassay for the detection of antigens in stool. The assay is delivered with sample extraction tubes.

INFLUENZA A/B RAPID TEST

Influenza A and B is a contagious viral infection that spreads around the world in seasonal epidemics resulting in hundreds of thousands of deaths worldwide annually.



Within the range of rapid tests apDia has a dipstick test for the qualitative detection and differentiation of Influenza A virus (including H1N5 and H1N1) and Influenza B virus in nose/throat/nasopharyngeal swab specimens or nasopharyngeal washes.

Bron: www.influenza.wiv-isp.be

Influenza A/B Rapid Test–Dipstick (ADRT0187), 20 tests/kit.

REFERENCES

1. Ruber E., Farber J.L. Malaria. Chapter 9: Infectious and Parasitic Diseases. Pathology, 2nd edition 1994, J.B. Lippincott; Philadelphia, 421-424.
2. Saito H. Screening for colorectal cancer by immunochemical fecal occult blood testing. Jpn. J. Cancer Res. 1996; **87**: 1011-1024.
3. Marshall B.J. et al. Pyloric campylobacter infection and gastroduodenal disease. Med. J. Aust. 1985; **149**: 439-444.

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- MALARIA RAPID TESTS
- FOB HI RAPID TESTS
- HELICOBACTER PYLORI RAPID TESTS
- INFLUENZA A/B RAPID TEST
- OTHER:

Sales representative Belgium: Laurent Nijs

Sales representative The Netherlands: James Kessels

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