

Also available from BioPoint:-

*Cryptosporidium and Giardia Testing*

EasySeed™

ColorSeed™

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#### **Safety Precautions and Limitations**

After use, dispose of packaging in accordance with appropriate biohazard disposal practices. Do not use the product if the packaging is damaged. Do not use the product after the expiry date. The product should be used according to the procedure described in this instruction for use document. Any modifications may affect the results.

#### **Warranty**

BioPoint warrants to the original purchaser only that the products will conform to the quantity and contents stated on the product labels and quality certificate for the duration of the stated shelf life.

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EasyStain™

## Instructions For Use

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## Instructions for Use

### Optimized for USEPA Method 1623

1. Place the IMS-separated sample onto a well slide and neutralize according to IMS suppliers' instructions.
2. (a) If staining immediately, dry at 37°C (maximum drying time 1 hour). Immediately perform steps 3 to 12.  
(b) If there will be a delay in staining:
  - (i) Dry at 37°C (maximum drying time 1 hour). Place in a refrigerator at 4°C.
  - (ii) Alternatively, dry the slide (uncovered) overnight in a refrigerator at 4°C.

**Tip: Do not dry slides in a cool room as some cool rooms maintain a humid environment.**

3. This step can improve DAPI staining and is optional. Add 50 µl methanol to the well. Allow to dry (typically 30 minutes) and follow step 4 immediately.

4. Add 1 – 2 drops of **EasyStain™** DAPI \*(or 50µl working strength DAPI) solution to the well. Leave on for 2 minutes.
5. Tilt well slide (long edge down). Using a Pasteur pipette, gently remove excess **EasyStain™** DAPI from below the well. Alternatively, use absorbent material (placed at edge of well slide).

**Tip: Do not touch well surface with pipette tip or absorbent material, as this will disturb the sample.**

- \*6. Add 50 µl distilled water to the well. Leave for 1 minute.
- \*7. Tilt well slide (long edge down). Using a Pasteur pipette, gently remove excess water from below the well. Alternatively, use absorbent material (placed at edge of well slide).  
*\*Steps 6 & 7 maybe omitted at the discretion of the Laboratory.*
- \*\*8. Add 1 drop (50 µl) of **EasyStain™**, or enough to cover the well, to the slide. Incubate at room temperature for 30 minutes or in a box containing moist tissue at 37°C for 15 minutes.
9. Tilt well slide (long edge down). Using a Pasteur pipette, gently remove excess **EasyStain™** from below the well. Alternatively, use absorbent material (placed at edge of well slide).

10. Add 200 µl Cold Wash Buffer to the well, or enough to fill the well without overflowing. Remove with the same pipette. Add a further 200 µl Cold Wash Buffer to the well **Critical: The Wash Buffer must be cold. Use directly from the refrigerator or keep on ice while using.**

**NOTE: Genotyping may be performed on oocysts recovered from slides.**

- \*\*11. Tilt well slide (long edge down). Using a Pasteur pipette, gently remove excess Wash Buffer from below the well. Alternatively, use absorbent material (placed at edge of well slide).  
*\*\*Steps 8 to 11 can be completed before steps 4 to 7 (DAPI can follow **EasyStain™**).*
12. Add 5 µl **EasyStain™** Mounting Medium to the well. Apply cover slip. Alternatively, add 5 µl **EasyStain™** Mounting Medium to the center of a cover slip (placed on the bench). Hold well slide on its edge (long edge down) next to cover slip. Gently lower well slide (sample down) onto cover slip. **Critical: Only use the **EasyStain™** Mounting Medium supplied in the kit. Other Mounting Mediums will cause fading.**

\*Working strength DAPI solution is 50 µl DAPI stock (2 mg DAPI dissolved in 1 ml methanol) added to 50 ml PBS. Make up the working strength DAPI solution daily.

## Technical assistance

For technical assistance with the use of **EasyStain™** or other *Cryptosporidium* and *Giardia* testing issues please email [info@biopoint.com.au](mailto:info@biopoint.com.au)

**For further information refer to [www.biopoint.com.au](http://www.biopoint.com.au)**

## Product Information Sheet

Product Information Sheet can be downloaded from the BioPoint website: [www.biopoint.com.au](http://www.biopoint.com.au)

## Shipping and Temperature Tolerance

Please refer to the BioPoint Shipping Policy displayed on the BioPoint website: [www.biopoint.com.au](http://www.biopoint.com.au)