

Also available from BioPoint:-

Cryptosporidium and Giardia Testing

EasySeed™

ColorSeed™

www.biopoint.com.au

© Copyright 2023 BioPoint Pty Ltd Sydney Australia

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.

Limits of Liability

BioPoint's sole obligation and the purchaser's exclusive remedy under the above warranty is limited either to replacement, at BioPoint's expense, any products which are defective in manufacture (provided that the purchaser must return the products, transportation prepaid, to BioPoint) or, at BioPoint's option, refund the purchase price. All claims must be notified to BioPoint within 14 days of using the product. The above warranty does not apply to any products which have been altered outside BioPoint, nor to any products which have been subjected to misuse or mishandling, or use, storage or handling other than in accordance with instructions supplied by BioPoint. ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, ARE HEREBY SPECIFICALLY EXCLUDED, INCLUDING BUT

NOT LIMITED TO WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. BioPoint's maximum liability is limited in all events to the price of the products sold by BioPoint. IN NO EVENT SHALL BioPoint BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PROFITS. The limitations set out above apply to the fullest extent permitted by law. If any provision of these terms and conditions is held to be invalid, illegal or unenforceable, the enforceability of the remaining provisions will be unaffected.

Use and Indemnity

The purchaser assumes all risk and responsibility in connection with the use, storage, handling and disposal of the products. The purchaser must ensure that all use, storage, handling and disposal of the products is in compliance with all applicable laws, regulations and guidelines and in accordance with any instructions supplied by BioPoint, and must take all appropriate safety precautions. The purchaser indemnifies BioPoint and its directors, officers and employees and agents from and against all claims, actions, liabilities, costs and expenses arising directly or indirectly from the use, storage, handling and disposal of the products, except to the extent arising directly from the negligence of BioPoint.

© Copyright 2023 BioPoint Pty Ltd Sydney Australia exercising jurisdiction there, EasySeed™, ColorSeed™, EasyStain™.

EasyStain™

Instructions For Use

Issue: 3

Date: August 2023



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. Slowly add 100-200 µl cold Wash Buffer to the well and allow to flow to the well edge. Leave for up to 2 minutes. Adjust the volume of Wash Buffer to the size of the well e.g. 9mm well use 100 µl of Wash Buffer. **Critical: The Wash Buffer must be cold and left for up to 2 minutes. 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

For further information refer to www.biopoint.com.au

Product Information Sheet

Product Information Sheet can be downloaded from the BioPoint website: www.biopoint.com.au

Shipping and Temperature Tolerance

Please refer to the BioPoint Shipping Policy displayed on the BioPoint website: www.biopoint.com.au