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## Peroxidase Conjugated Reagents

**FOR ANTIGEN OR ANTIBODY DETECTION**

### Specific Antibody, Peroxidase Labelled (EnzAbody®) Reagents (Lyophilized)
- Goat Anti-Human IgA (α)*
- Goat Anti-Human IgG (γ)*
- Goat Anti-Human IgM (μ)*
  *F(ab')2 fragment of specific antibody also available
- Goat Anti-Human IgG (H+L)
- Rabbit Anti-Goat IgG (H+L)
- Goat Anti-Mouse IgG (H+L)
- Goat Anti-Guinea Pig IgG (H+L)
- Goat Anti-Rabbit IgG (H+L)

### Antigen, Peroxidase Labelled (EnzAgen®) Reagents (Lyophilized)
- Fc fragment of Human IgG
- Fc fragment of Chimp IgG

### Peroxidase Anti-Peroxidase Reagents (PAP) (Lyophilized)
- Peroxidase Anti-Peroxidase (rabbit)
- Peroxidase Anti-Peroxidase (goat)
- Peroxidase Anti-Peroxidase (guinea pig)
- Peroxidase Anti-Peroxidase (chimp)
- Peroxidase Anti-Peroxidase (rhesus)

## Substrate Compounds

**FOR USE WITH PEROXIDASE CONJUGATED REAGENTS**

### For Insoluble Systems
(e.g., EM, Slides, etc.)
- 3, 3'-Diaminobenzidine tetrahydrochloride (DAB)
- 4-Chloro-1-naphthol (4-Cl-N)

### For Soluble Systems
(e.g., EIA, ELISA, etc.)
- o-Phenylenediamine (OPD)
- N,N,N',N'-Tetramethylbenzidine (TMB)
- 2,2'-Azino-di-[3-ethyl-benzthiazoline-sulfonate (6)] (ABTS)

Each of the peroxidase substrate compounds have been formulated for use with Bionetics peroxidase conjugated reagents and are supplied lyophilized.

Substrate Starter Packages, for both the Soluble and Insoluble systems, are available.

Write for Price List and Product Information Catalog.

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*These reagents are for research use only and are not for use in humans, nor for diagnostic or therapeutic use.*

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References

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The Fifth International Convocation of Immunology was devoted to the subject of human blood groups and was attended by most of the illustrous pioneers in the subject, including the late Dr A. S. Wiener. The organizers wisely refrained from indulging in reminiscences and the papers presented are all concerned with present-day problems and advances. The largest section of papers is concerned with the chemistry of blood group antigens, the field in which the most exciting advances are being made. There are excellent articles by Iseki, Watkins, Koscielak and Hakomori on ABO antigens; Feizi and Zopf on the Li system; Springer, Lisowska and Därh on MNSs; Marcus and Morgan on P; Lorusso on the Rh system; and Kabat on immunochemical aspects of blood group substances. Other subjects discussed include red cell antigen–antibody reactions, blood group soluble antigens, and variations in antigens which affect the functional integrity of the red cell membrane. Miller gives an account of the fascinating story of the relationship between the Duffy system and the susceptibility of red cells to invasion by malarial parasites. The Ernest Witebsky Memorial lecture was given by Ruth Sanger on the subject of blood groups and human genetics and is printed in full here. It is an excellent survey of many aspects of this intriguing but complex subject, giving details of linkages, mapping of the chromosomes and the role of blood groups in elucidating triploidy, aneuploidy and XX males.

This book is very well produced and Dr J. F. Mohn is to be congratulated as editor-in-chief and also organizer of the Conference. The volume can be strongly recommended to all those attempting to keep informed on the subject of human blood groups.

* Published in 'British Journal of Haematology', Vol. 39, No. 3, 1978
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<thead>
<tr>
<th>TYPE</th>
<th>MODEL</th>
<th>OUTER DIAMETER</th>
<th>INNER DIAMETER</th>
<th>LENGTH LOWER CHAMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPPER CHAMBER</td>
<td>PC-1</td>
<td>11.0 mm</td>
<td>9.5 mm</td>
<td>25.4 mm ½ SC, LC-2</td>
</tr>
<tr>
<td>UPPER CHAMBER</td>
<td>PC-2</td>
<td>13.0 mm</td>
<td>9.5 mm</td>
<td>12.7 mm LC ¼, 9/16 SC</td>
</tr>
<tr>
<td>UPPER CHAMBER</td>
<td>PC-3</td>
<td>13.0 mm</td>
<td>6.4 mm</td>
<td>12.7 mm LC ¼, 9/16 SC</td>
</tr>
<tr>
<td>UPPER CHAMBER</td>
<td>PC-4</td>
<td>13.0 mm</td>
<td>9.5 mm</td>
<td>25.4 mm LC-4</td>
</tr>
</tbody>
</table>

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