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As a major producer of lectins, FITC-conjugated lectins and immobilized lectins, we are pleased to announce the development of four new lectins from lentil seed and castor bean. These are available in both the free and immobilized forms as well as the FITC derivatives.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Lens Culinaris Hemagglutinin A</td>
<td>79-130</td>
<td>79-104</td>
<td>79-133</td>
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<tr>
<td>Lens Culinaris Hemagglutinin B</td>
<td>79-135</td>
<td>79-105</td>
<td>79-138</td>
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<tr>
<td>Ricinus Communis Agglutinin—60</td>
<td>79-140</td>
<td>79-106</td>
<td>79-143</td>
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<tr>
<td>Ricinus Communis Agglutinin—120</td>
<td>79-145</td>
<td>79-107</td>
<td>79-148</td>
</tr>
</tbody>
</table>

ALSO AVAILABLE: In free and agarose-immobilized forms and as FITC-derivatives:
- Concanavalin A and Con A Salts
- Fucose Binding Protein (from lotus seed)
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*Licensed under U.S. Patent 3,389,142

Coupling Reactions with EEDQ

<table>
<thead>
<tr>
<th>Starting Acid and Amine</th>
<th>Product</th>
<th>% Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) Benzoic + Aniline</td>
<td>Benzaldehyde</td>
<td>85</td>
</tr>
<tr>
<td>ii) t-Bz-Leu + Gly-OEt</td>
<td>Bz-Leu-Gly-OEt</td>
<td>95</td>
</tr>
<tr>
<td>iii) Bz-Gly + Gly-OEt</td>
<td>Bz-Gly-OEt</td>
<td>99</td>
</tr>
<tr>
<td>iv) Bz-Gly + Aniline</td>
<td>Bz-Gly-anilide</td>
<td>90</td>
</tr>
<tr>
<td>v) CBz-l-Ala + l-Ala-OEt</td>
<td>CBz-l-Ala-l-Ala-OEt</td>
<td>98</td>
</tr>
<tr>
<td>vi) CBz-l-Ala + Gly-OEt</td>
<td>CBz-l-Ala-Gly-OEt</td>
<td>90</td>
</tr>
<tr>
<td>vii) p-Nitrobenzoic + DL-Ser-OEt</td>
<td>p-Nitro-Bz-Ser-OEt</td>
<td>60</td>
</tr>
<tr>
<td>viii) Cinnamic + imidazole</td>
<td>Cinnamoylimidazole</td>
<td>60</td>
</tr>
</tbody>
</table>

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