Latex allergens that have already been registered by WHO-IUIS can be tabulated with their predicted physiological roles as follows.

### Table. Registered Natural Rubber-Latex Allergens

<table>
<thead>
<tr>
<th>Name</th>
<th>Trivial name</th>
<th>Predicted physiological roles</th>
<th>Accession number (Protein)</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hev b 1</td>
<td>rubber elongation factor</td>
<td>rubber biosynthesis</td>
<td>P15252</td>
<td>1</td>
</tr>
<tr>
<td>Hev b 2</td>
<td>beta-1,3-glucanases</td>
<td>defense-related protein</td>
<td>Q7XJ83, P52407</td>
<td>2</td>
</tr>
<tr>
<td>Hev b 3</td>
<td>small rubber-particle protein</td>
<td>rubber biosynthesis</td>
<td>O82803</td>
<td>3</td>
</tr>
<tr>
<td>Hev b 4</td>
<td>microhelix component</td>
<td>defense-related protein</td>
<td>Q8WPJ2</td>
<td>4</td>
</tr>
<tr>
<td>Hev b 5</td>
<td>acidic latex protein</td>
<td>-</td>
<td>Q39967</td>
<td>5</td>
</tr>
<tr>
<td>Hev b 6.01 Hev b 6.02 Hev b 6.03</td>
<td>prohevein, hevein preprotein hevein prohevein C-terminal fragment</td>
<td>defense-related protein (latex coagulation)</td>
<td>O49860, P02877, P80359</td>
<td>6</td>
</tr>
<tr>
<td>Hev b 7.01 = Hev b 7.02 (renamed) Hev b 7.02</td>
<td>patatin homologue from B-serum patatin homologue from C-serum</td>
<td>defense-related protein inhibitor of rubber biosynthesis</td>
<td>O04008, O81984, O65811, Q9SEM0</td>
<td>7</td>
</tr>
<tr>
<td>Hev b 8</td>
<td>latex profilin</td>
<td>structural protein</td>
<td>Q65812, Q9STB6, Q9M7N0, Q9M7M9, Q9M7M8, Q9LEI8</td>
<td>8</td>
</tr>
<tr>
<td>Hev b 9</td>
<td>latex enolase</td>
<td>glycolytic enzyme</td>
<td>Q9LEJ0, Q9LEI9</td>
<td>9</td>
</tr>
<tr>
<td>Hev b 10</td>
<td>Mn-superoxide dismutase</td>
<td>destruction of radicals</td>
<td>P35017, Q9STB5, Q9FSJ2</td>
<td>10</td>
</tr>
<tr>
<td>Hev b 11</td>
<td>class I endochitinase</td>
<td>defense-related protein</td>
<td>Q949H3, Q8GUD7</td>
<td>11</td>
</tr>
<tr>
<td>Hev b 12</td>
<td>lipid transfer protein</td>
<td>defense-related protein</td>
<td>Q8RYA8</td>
<td>12</td>
</tr>
</tbody>
</table>
Web Sites Especially Related to Latex Allergens

- **Guthrie Research Institute** (LEAP test, ASTM tests)
- **FIT Biotech** (FITkit)
- **BIOMAY Wien/Vienna** (Recombinant allergens for research use)
- **PlasmaLab International** (Human plasma for research use)
- **VBC-Genomics** (Immuno solid-phase allergen chip)

References


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