**IMUFLEX® BLOOD BAGS**  
**CGQ VERSION**

IMUFLEX®- Component Red Cell (CRC) Blood Bag with Red Cell Concentrate Filter and Blood Sampling Arm™ with Needle Injury Protector and CPD/S.A.G.M. (Quadruple bags)

### Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Type of Integrated Leukocyte Removal Filter</th>
<th>Collection Volume</th>
<th>QTY CPD Solution in Primary Bag</th>
<th>Capacity Satellite Bags</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB*CGQ456G6</td>
<td>Red Cell Concentrate Filter</td>
<td>450 mL</td>
<td>1</td>
<td>300 mL</td>
</tr>
<tr>
<td>BB*CGQ456E6(1)</td>
<td></td>
<td>63 mL</td>
<td>2</td>
<td>400 mL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>400 mL*</td>
</tr>
</tbody>
</table>

* contains 100 mL S.A.G.M. solution  
Version 6 = with blood sampling arm, needle injury protector, pre-donation sampling bag and holder  
(1) = under preparation  
Languages label  
G version: Italian, Spanish, German, Swedish, Norwegian  
E version: English, French, Italian, Spanish, Portuguese

### Dimensions of Blood Bags

- **Primary Bag:** Collection volume of 450 mL  
  - Inside Length: 177 mm  
  - Outside Length: 203 mm  
  - Inside Width: 118 mm  
  - Outside Width: 133 mm

- **Satellite Bag 1:** Capacity of 300 mL  
  - Inside Length: 133 mm  
  - Outside Length: 159 mm  
  - Inside Width: 118 mm  
  - Outside Width: 133 mm

- **Satellite Bag 2 and 3 (S.A.G.M. Bag):** Capacity of 400 mL  
  - Inside Length: 157 mm  
  - Outside Length: 183 mm  
  - Inside Width: 118 mm  
  - Outside Width: 133 mm

### Tube Size

- Outer Diameter: 4.4 ± 0.2 mm  
- Inner Diameter: 3.0 ± 0.2 mm  
- Donor Tube Length: 1,000 ± 50 mm
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Blood bags with anticoagulant/preservation solution (leukocyte removal filter integrated type) are sterile plastic containers made of thermoplastic material such as polyvinyl chloride and composed of a needle, a donor tube and a container with anticoagulant solution (primary bag) for collection of human blood, a filter for reducing leukocytes from red cell component, a transfer tube for transferring each blood component to a satellite bag after centrifugation of the primary bag, and a container or containers with/without preservation solution (satellite bags) for storage of the transferred blood components.

The blood in the donor tube or transfer tube is used for inspection, such as cross-match testing, before transfusion. The identification number, called segment number is printed on these tubes to enable easy confirmation that the tested blood is the part of the blood components to be administered.

Polyurethane as a Filter Material

Polyurethane are polymers in which unit molecules are connected by urethane bonds. By correctly choosing the variants of the components and their ratio, optimum physical, chemical and biocompatibility characteristics are achieved. Terumo has selected highly biocompatible-segmented polyurethane for the production of the leukocyte removal filters, the IMUGARD® III and IMUFLEX systems. Investigation of the mechanisms of leukocyte removal with polyurethane shows that the majority of leukocytes are trapped mechanically in small pores or dimples in the material. Very limited cell material interaction and the absence of cellular or protein activation result in blood products of superior purity.

Packaging

The blood bags are packed in color-coded blister trays. The top cover is a transparent film.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Units per Blister</th>
<th>Shipping Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB*CGQ456G6</td>
<td>3</td>
<td>3 x 6</td>
</tr>
<tr>
<td>BB*CGQ456E6</td>
<td>3</td>
<td>3 x 6</td>
</tr>
</tbody>
</table>

Shelf Life

The shelf life of the products is 30 months in an unopened blister tray. Sterilized by steam.