Serum-free liquid medium, with cytokines, for culture and cellular expansion of human erythroblastic progenitors from peripheral blood, bone marrow, umbilical cord blood and CD34+ cells.

Suggestion
- Evaluation of clonogenic capacity at D+7, D+14, D+21

Composition
- IMDM, bovine serum albumin, rh-insulin, nucleosides, synthetic-lipids, L-glutamine, 1-monothiglycerol
- IL-3, IL-6, IL-9, ScF, Epo.

Performance
- We suggest renewing the medium every seven days

Plate
- CD34+ cells: 1000 cells/ml
- Mononucleated cells: 0.5 x 10^5 à 1 x 10^5 cells/ml

Count
- According to your own experimental conditions

Storage
- Stable 24 months at –20°C
- Stable 6 months at +4°C
- Thaw at +4°C
- Never thaw at +37°C
- Light sensitive product
- Before aliquoting, homogenize


PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th>Product</th>
<th>Reference</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEMα.AE</td>
<td>5511</td>
<td>100 ml</td>
</tr>
</tbody>
</table>


Ref. Atti A, Abécassis L and Bourgeade MF. Brc-Abl activates the AKT/FoxO3 signalling pathway to restrict transforming growth factor-b-mediated cytostatic signals. EMBO reports AOP, 19 august 2005.