

Buffered Salt Solutions

Dulbecco's Phosphate Buffered Salt Solution

Composition

| | Components | mg/L |
|------------------------|--|---------|
| Inorganic Salts | Potassium chloride | 200.00 |
| | Potassium dihydrogen phosphate | 200.00 |
| | Sodium chloride | 8000.00 |
| | di-Sodium hydrogen phosphate anhydrous | 1150.00 |
| | Calcium chloride x 2H ₂ O | 133.00 |
| | Magnesium chloride x 6H ₂ O | 100.00 |

Liquid Salt Solution

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|---------------------------------------|--------|-------------|
| DPBS ⁽¹⁾ without Ca and Mg | 500 ml | P04-36500 |
| | 1 L | P04-361000 |
| | 2,5 L | P04-3625C |
| | 5 L | P04-3650C |
| | 10 L | P04-360010B |

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| DPBS (10x) ⁽¹⁾ without Ca and Mg | 500 ml | P04-53500 |
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| DPBS non-sterile ⁽¹⁾ without Ca and Mg | 2,5 L | P04-362500 |
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| DPBS ⁽¹⁾ with Ca and Mg | 500 ml | P04-35500 |
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| DPBS (10x) ⁽²⁾ with Ca and Mg | 500 ml | P04-37500 |
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Powder

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| DPBS ⁽¹⁾ without Ca and Mg | 50 L | P04-36050P |
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Earl's Buffered Salt Solution

Composition

| | Components | mg/L |
|-------------------------|--|---------|
| Inorganic Salts | Potassium chloride | 400.00 |
| | Sodium chloride | 680.00 |
| | Sodium dihydrogen phosphate x H ₂ O | 140.00 |
| | Calcium chloride x 2H ₂ O | 264.92 |
| | Magnesium chloride x 6H ₂ O | 139.57 |
| Other Components | D(+)-Glucose anhydrous | 1000.00 |
| | Phenol red | 10.00 |

Liquid Salt Solution

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| EBSS ⁽²⁾ | 500 ml | P04-30500 |
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| EBSS ⁽²⁾ without Phenol red | 500 ml | P04-39500 |
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| EBSS ⁽²⁾ without Ca and Mg with 2.2 g/l NaHCO ₃ | 500 ml | P04-31500 |
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| EBSS (10x) ⁽³⁾ | 500 ml | P04-38500 |
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| EBSS (10x) ⁽³⁾ without Ca and Mg without Phenol red | 500 ml | P04-47500 |
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Powder

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| EBSS ⁽¹⁾ | 10 L | P04-30010P |
| | 50 L | P04-30050P |

(1) usually on stock, (2) minimum order 10 l, (3) available upon request

Buffered Salt Solutions

Hank's Balanced Salt Solution

Composition

| | Components | mg/L |
|-------------------------|--|---------|
| Inorganic Salts | Potassium chloride | 400.00 |
| | Sodium chloride | 8000.00 |
| | di-Sodium hydrogen phosphate anhydrous | 47.88 |
| | Calcium chloride x 2H ₂ O | 185.44 |
| | Magnesium sulphate dried | 139.52 |
| | Potassium dihydrogen phosphate | 60.00 |
| Other Components | D(+)-Glucose anhydrous | 1000.00 |
| | Phenol red | 10.00 |

Hank's Balanced Salt Solution

Liquid Salt Solution

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| HBSS ⁽²⁾ | 100 ml | P04-32100 |
| with 0.35 g/l NaHCO ₃ | 500 ml | P04-32500 |

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| HBSS (10x) ⁽²⁾ without NaHCO ₃ | 100 ml | P04-49100 |
| | 500 ml | P04-49500 |

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| HBSS ⁽¹⁾ without Ca and Mg | 100 ml | P04-33100 |
| with 0.35 g/l NaHCO ₃ | 500 ml | P04-33500 |

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| HBSS (10x) ⁽¹⁾ without Ca and Mg | 100 ml | P04-50100 |
| without 0.35 g/l NaHCO ₃ | 500 ml | P04-50500 |

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| HBSS ⁽¹⁾ without Phenol red | 100 ml | P04-32105 |
| with 0.35 g/l NaHCO ₃ | 500 ml | P04-32505 |

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| HBSS (10x) ⁽²⁾ without Phenol red | 100 ml | P04-49105 |
| without NaHCO ₃ | 500 ml | P04-49505 |

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| HBSS ⁽¹⁾ without Ca and Mg | | |
| without Phenol red | 100 ml | P04-34100 |
| with 0.35 g/l NaHCO ₃ | 500 ml | P04-34500 |
| | 1 L | P04-341000 |

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| HBSS (10x) ⁽²⁾ without Ca and Mg | | |
| without Phenol red | 100 ml | P04-50105 |
| without 0.35 g/l NaHCO ₃ | 500 ml | P04-50505 |

Powder

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| HBSS ⁽¹⁾ without NaHCO ₃ | 10 L | P04-32010P |
| | 50 L | P04-32050P |

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| HBSS ⁽¹⁾ without Ca and Mg | 10 L | P04-33010P |
| without NaHCO ₃ | 50 L | P04-33050P |

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Buffered Salt Solutions

Puck's Salt Solution A

Composition

| | Components | mg/L |
|-------------------------|------------------------|---------|
| Inorganic Salts | Potassium chloride | 400.00 |
| | Sodium chloride | 8000.00 |
| Other Components | D(+)-Glucose anhydrous | 1000.00 |

Liquid Salt Solution

Puck's Salt Solution A⁽²⁾ 100 ml P04-51100
500 ml P04-51500

Gey's Balanced Salt Solution

Composition

| | Components | mg/L |
|-------------------------|--|---------|
| Inorganic Salts | Potassium chloride | 370.00 |
| | Sodium chloride | 7000.00 |
| | di-Sodium hydrogen phosphate | 120.00 |
| | Calcium chloride x2H ₂ O | 225.10 |
| | Magnesium chloride x 6 H ₂ O | 210.00 |
| | Magnesium sulphate anhydrous | 34.20 |
| | Potassium dihydrogen phosphate anhydrous | 30.00 |
| Other Components | D(+)-Glucose anhydrous | 1000.00 |

Liquid Salt Solution

GBSS⁽¹⁾ 500 ml P04-48500
with 2.27 g/l NaHCO₃

Powder

GBSS⁽¹⁾ 10 L P04-48010P
without NaHCO₃ 50 L P04-48050P

Tryode's Salt Solution

Composition

| | Components | mg/L |
|-------------------------|------------------------------|---------|
| Inorganic Salts | Potassium chloride | 200.00 |
| | Sodium chloride | 8000.00 |
| | Magnesium chloride anhydrous | 100.00 |
| | Calcium chloride anhydrous | 200.00 |
| | Sodium phosphate monobasic | 50.00 |
| Other Components | D(+)-Glucose anhydrous | 1000.00 |

Liquid Salt Solution

Tryode's Salt Solution⁽²⁾ 500 ml P04-54500

Powder

Tryode's Salt Solution⁽¹⁾ 10 L P04-54010P
without NaHCO₃ 50 L P04-54050P

Amino Acids and Vitamins

Amino Acids

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| BME solution (50x), without L-Glutamine ⁽³⁾ | 100 ml | P08-2000 |
| L-Glutamine 200 mM ⁽¹⁾ | 50 ml | P04-80050 |
| | 100 ml | P04-80100 |
| Stable L-Glutamine 200 mM ⁽¹⁾ (L-Alanyl-L-Glutamine) | 50 ml | P04-82050 |
| | 100 ml | P04-82100 |
| L-Glutamine ⁽¹⁾ Powder | 25 g | P04-80025P |
| | 100 g | P04-80100P |
| | 500 g | P04-80500P |
| Stable Glutamine Powder ⁽¹⁾ (L-Alanyl-L-Glutamine) | 10 g | P04-82010P |
| MEM (50x) without L-Glutamine ⁽¹⁾ | 100 ml | P08-30100 |
| MEM (50x) with L-Glutamine ⁽³⁾ | 100 ml | P08-31100 |
| MEM NEAA (100x) ⁽¹⁾ | 100 ml | P08-32100 |

Vitamins

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|---|--------|-----------|
| BME vitamins ⁽³⁾ | 100 ml | P08-40100 |
| MEM (100x) vitamine solution ⁽¹⁾ | 100 ml | P08-41100 |

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