Hamster Embryo culture Medium-9 (HECM-9) recipe

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| Components | mMol/L |
| Human Serum Albumin (HAS) | 0.5mg/ml |
| NaCl | 113.6 |
| KCl | 3.0 |
| CaCl2 | 1.9 |
| MgCl2 | 0.5 |
| NaHCO3 | 25.0 |
| DL-Na-lactate | 4.5 |
| HCL 1mol/L | 1.4 μl/ml |
| Taurine | 0.50 |
| Asparagine | 0.01 |
| Cysteine | 0.01 |
| Histidine | 0.01 |
| Lysine | 0.01 |
| Proline | 0.01 |
| Serine | 0.01 |
| Aspartic acid | 0.01 |
| Glycine | 0.01 |
| Glutamic acid | 0.01 |
| Glutamine | 0.20 |
| Pantothenate | 0.003 |

Note: Inorganic salt solutions are prepared by dissolving the salts in Milli-Q water and can be kept at 4 oC for up to 3 days. Amino acids, vitamins and HSA are prepared as x100 stocks and are stored at -20 oC. HECM-9 is prepared by adding the stock solutions of amino acids, vitamins and HSA. HECM-9 should not be stored more than 3 days. The medium should be balanced in an atmosphere of 37 oC, 10% CO2, 5% O2, 85% N2 overnight before use.