

Continue



Physiological BufferpH BufferingSample PreparationBioAssaysMiscCell/Culture/Growth MediaGel ElectrophoresisNameACES Buffer (0.1 M, 6.7 pH)Acetate Buffer (0.1 M, pH 5.0)Acetate Buffer (pH 3.6 to 5.6)ADA Buffer (0.5 M, 6.6 pH)Ammonium AcetateAmmonium Bicarbonate (50 mM, pH 7.8)Ammonium Sulfate, SaturatedBES-Buffered Saline (2X) (0.05 M, pH 6.95)Bicine (1 M, pH 8.26)Bis-Tris Buffer (1 M, 6.5 pH)Borate BufferCAPS (0.5 M, pH 10.4)Carbonate-Bicarbonate Buffer (pH 9.2 to 10.6)CHES (0.5 M, pH 9.5)Citrate Buffer (0.1 M, pH 6.0)Citrate Buffer (pH 3.0 to 6.2)Citrate-Phosphate Buffer (0.15 M, pH 5.0)Citrate-Phosphate Buffer (110 mM, pH 5.6)Citrate-Phosphate Buffer (40 mM, pH 5.6)Diethanolamine (1 M, pH 9.8)EBSS (magnesium, calcium, phenol red) (pH 7.0)Glycine (0.1 M, pH 2.2)Glycine-HCl Buffer (0.1 M, pH 3.0)Glycine-Sodium Hydroxide Buffer (0.08 M, pH 10)HEPPSO (1 M, pH 7.85)Hydrochloric Acid-Potassium Chloride Buffer (0.1 M, pH 2.0)Imidazole-HCl Buffer (0.05 M, pH 7.0)Maleic Acid (1 M, pH 7.5)MES (0.5 M, pH 6)MOPS Buffer (10X) (0.2 M, pH 7)MOPSO Buffer (0.5 M, 6.9 pH)Phosphate Buffer (pH 5.8 to 7.4)PIPES Buffer (1 M, 6.8 pH)Potassium Phosphate Buffer (1 M, pH 6.5)Potassium Phosphate (pH 5.8 to 8.0)Sodium Acetate (3 M, pH 5.2)Sodium Borate Buffer (1 M, pH 8.5)Sodium Phosphate SolutionSSC buffer (20X) (3 M, pH 7)TAE (1 M, pH 8.6)TB BufferTBS (1 M, pH 7.4)TES Buffer (1 M, 7.5 pH)Tricine (1 M, pH 8.05)Tris Buffer (1 M, pH 7.2)Tris-Buffered Saline (TBS, 0.1 M)Tris-citrate Buffer (pH 8.0)Trizma Buffer (pH 7.0 to 9.2)Physiological BufferpH BufferingSample PreparationBioAssaysMiscCell/Culture/Growth MediaGel ElectrophoresisNameACES Buffer (0.1 M, 6.7 pH)Acetate Buffer (0.1 M, pH 5.0)Acetate Buffer (pH 3.6 to 5.6)ADA Buffer (0.5 M, 6.6 pH)Ammonium AcetateAmmonium Bicarbonate (50 mM, pH 7.8)Ammonium Sulfate, SaturatedBES-Buffered Saline (2X) (0.05 M, pH 6.95)Bicine (1 M, pH 8.26)Bis-Tris Buffer (1 M, 6.5 pH)Borate BufferCAPS (0.5 M, pH 10.4)Carbonate-Bicarbonate Buffer (pH 9.2 to 10.6)CHES (0.5 M, pH 9.5)Citrate Buffer (0.1 M, pH 6.0)Citrate Buffer (pH 3.0 to 6.2)Citrate-Phosphate Buffer (0.15 M, pH 5.0)Citrate-Phosphate Buffer (110 mM, pH 5.6)Diethanolamine (1 M, pH 9.8)EBSS (magnesium, calcium, phenol red) (pH 7.0)Glycine (0.1 M, pH 2.2)Glycine-HCl Buffer (0.1 M, pH 3.0)Glycine-Sodium Hydroxide Buffer (0.08 M, pH 10)HEPPSO (1 M, pH 7.85)Hydrochloric Acid-Potassium Chloride Buffer (0.1 M, pH 2.0)Imidazole-HCl Buffer (0.05 M, pH 7.0)Maleic Acid (1 M, pH 7.5)MES (0.5 M, pH 6)MOPS Buffer (10X) (0.2 M, pH 7)MOPSO Buffer (0.5 M, 6.9 pH)Phosphate Buffer (pH 5.8 to 7.4)PIPES Buffer (1 M, 6.8 pH)Potassium Phosphate Buffer (1 M, pH 6.5)Potassium Phosphate (pH 5.8 to 8.0)Sodium Acetate (3 M, pH 5.2)Sodium Borate Buffer (1 M, pH 8.5)Sodium Phosphate SolutionSSC buffer (20X) (3 M, pH 7)TAE (1 M, pH 8.6)TB BufferTBS (1 M, pH 7.4)TES Buffer (1 M, 7.5 pH)Tricine (1 M, pH 8.05)Tris Buffer (1 M, pH 7.2)Tris-Buffered Saline (TBS, 0.1 M)Tris-citrate Buffer (pH 8.0)Trizma Buffer (pH 7.0 to 9.2)A simple phosphate buffer is used ubiquitously in biological experiments, as it can be adapted to a variety of pH levels, including isotonic. This wide range is due to phosphoric acid having 3 dissociation constants, (known in chemistry as a triprotic acid) allowing for formulation of buffers near each of the pH levels of 2.15, 7.21, or 12.32. Phosphate buffer is highly water soluble and has a high buffering capacity, but will inhibit enzymatic activity and precipitates in ethanol. The buffer is one of the most popular currently used, and is commonly employed in molecular and cell biology, chemistry, and material science, among many others. 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Gst elution buffer recipe. Glycine elution buffer recipe. Chip elution buffer recipe. Imidazole elution buffer recipe. Glutathione elution buffer recipe. Igg elution buffer recipe. Rna elution buffer recipe. Protein g elution buffer recipe. Ip elution buffer recipe. Biotin elution buffer recipe. Dna elution buffer recipe.