



pHat™ Buffer Screen - technical sheet

pH of each formulation shown for each of the 96 tubes

	1M Sodium Lactate / HCl	1M Sodium Acetate / Acetic Acid	1M MES / NaOH	1M Bis-Tris / HCl	1M Imidazole / HCl	1M K ₂ HPO ₄ / NaH ₂ PO ₄	1M HEPES / NaOH	1M Tris / HCl	1M Bicine / NaOH	0.5M CHES / NaOH	1M Glycine / NaOH	0.5M CAPS / NaOH
1	2	3	4	5	6	7	8	9	10	11	12	
	2.4	3.4	4.6	5.2	5.4	5.8	6.0	6.6	7.0	8.0	8.2	8.8
13	14	15	16	17	18	19	20	21	22	23	24	
	2.8	3.8	5.0	5.6	5.8	6.2	6.4	7.0	7.4	8.4	8.6	9.2
25	26	27	28	29	30	31	32	33	34	35	36	
	3.2	4.2	5.4	6.0	6.2	6.6	6.8	7.4	7.8	8.8	9.0	9.6
37	38	39	40	41	42	43	44	45	46	47	48	
	3.6	4.6	5.8	6.4	6.6	7.0	7.2	7.8	8.2	9.2	9.4	10.0
19	50	51	52	53	54	55	56	57	58	59	60	
	4.0	5.0	6.2	6.8	7.0	7.4	7.6	8.2	8.6	9.6	9.8	10.4
61	62	63	64	65	66	67	68	69	70	71	71	
	4.4	5.4	6.6	7.2	7.4	7.8	8.0	8.6	9.0	10.0	10.2	10.8
73	74	75	76	77	78	79	80	81	82	83	84	
	4.8	5.8	7.0	7.6	7.8	8.2	8.4	9.0	9.4	10.4	10.6	11.2
85	86	87	88	89	90	91	92	93	94	95	96	
	5.2	6.2	7.4	8.0	8.2	8.6	8.8	9.4	9.8	10.8	11.0	11.6

All formulations are made with ultrapure ASTM Type I water and sterile-filtered stock solutions. Store at 4-25 °C.

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