

Buffer pH table

Buffer	Adjusted Using	pH										
		2	3	4	5	6	7	8	9	10	11	
Glycine	HCl	2.2	3.6									
Citrate	citric acid / sodium citrate	2.2					6.5					
Acetate	acetic acid / sodium acetate		3.6		5.6							
Succinate	NaOH			3.8		6.0						
Phthalate	NaOH			4.2		6.0						
Cacodylate	HCl				5.1		7.4					
Histidine	histidine / histidine hydrochloride				5.5		7.4					
Maleate	NaOH				5.5		7.2					
MES	NaOH				5.5		6.7					
Bis-Tris	HCl				5.8		7.2					
Phosphate	monosodium phosphate / disodium phosphate				5.8			8.0				
ADA	NaOH				6.0		7.2					
ACES	NaOH				6.1		7.5					
PIPES	NaOH				6.1		7.5					
Imidazole	HCl				6.2		7.8					
MOPSO	NaOH				6.2		7.4					
Bis-Tris Propane	HCl				6.3			9.5				
MOPS	NaOH				6.5		7.9					
BES	NaOH				6.6		7.8					
HEPES	NaOH				6.8		8.2					
TES	NaOH				6.8		8.2					
Barbital	HCl				6.8			9.2				
MOBS	NaOH				6.9		8.3					
DIPSO	NaOH				7.0		8.2					
TAPSO	NaOH				7.0		8.2					
Tris	HCl				7.0			9.0				
HEPPSO	NaOH				7.1		8.5					
POPSO	NaOH				7.2		8.5					
TEA	HCl				7.3		8.3					
Glycylglycine	NaOH				7.5		8.9					
Bicine	NaOH				7.6		9.0					
EPPS	NaOH				7.6		8.5					
HEPBS	NaOH				7.6		9.0					
TAPS	NaOH				7.7		9.1					
AMPD	HCl				7.8			9.7				
Tricine	NaOH				7.8		8.8					
TABS	NaOH				8.2		9.6					
AMPSO	NaOH				8.3		9.7					
Borate	NaOH				8.5		10.2					
CHES	NaOH				8.6		10.0					
Glycine	NaOH				8.8		10.6					
CAPSO	NaOH				8.9		10.3					
AMP	HCl				9.0		10.5					
Carbonate	sodium carbonate / sodium bicarbonate				9.2		10.6					
CAPS	NaOH				9.7							
CABS	NaOH				10.0							11.4