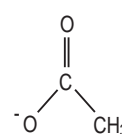
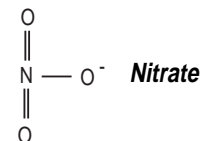
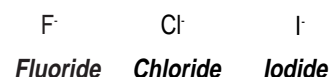
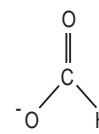


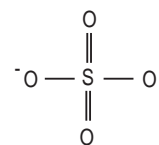
| Tube Number | Salt | Tube Number | Polyethylene Glycol 3350 | Tube Number | pH |
|-------------|---|-------------|----------------------------------|-------------|-----|
| 1. | 0.2 M Sodium Fluoride | 1. | 20% w/v Polyethylene Glycol 3350 | 1. | 7.1 |
| 2. | 0.2 M Potassium Fluoride | 2. | 20% w/v Polyethylene Glycol 3350 | 2. | 7.2 |
| 3. | 0.2 M Ammonium Fluoride | 3. | 20% w/v Polyethylene Glycol 3350 | 3. | 6.2 |
| 4. | 0.2 M Lithium Chloride anhydrous | 4. | 20% w/v Polyethylene Glycol 3350 | 4. | 6.7 |
| 5. | 0.2 M Magnesium Chloride hexahydrate | 5. | 20% w/v Polyethylene Glycol 3350 | 5. | 5.8 |
| 6. | 0.2 M Sodium Chloride | 6. | 20% w/v Polyethylene Glycol 3350 | 6. | 6.9 |
| 7. | 0.2 M Calcium Chloride dihydrate | 7. | 20% w/v Polyethylene Glycol 3350 | 7. | 5.1 |
| 8. | 0.2 M Potassium Chloride | 8. | 20% w/v Polyethylene Glycol 3350 | 8. | 6.9 |
| 9. | 0.2 M Ammonium Chloride | 9. | 20% w/v Polyethylene Glycol 3350 | 9. | 6.3 |
| 10. | 0.2 M Sodium Iodide | 10. | 20% w/v Polyethylene Glycol 3350 | 10. | 6.9 |
| 11. | 0.2 M Potassium Iodide | 11. | 20% w/v Polyethylene Glycol 3350 | 11. | 6.8 |
| 12. | 0.2 M Ammonium Iodide | 12. | 20% w/v Polyethylene Glycol 3350 | 12. | 6.2 |
| 13. | 0.2 M Sodium Thiocyanate | 13. | 20% w/v Polyethylene Glycol 3350 | 13. | 6.9 |
| 14. | 0.2 M Potassium Thiocyanate | 14. | 20% w/v Polyethylene Glycol 3350 | 14. | 7.0 |
| 15. | 0.2 M Lithium Nitrate | 15. | 20% w/v Polyethylene Glycol 3350 | 15. | 7.1 |
| 16. | 0.2 M Magnesium Nitrate hexahydrate | 16. | 20% w/v Polyethylene Glycol 3350 | 16. | 5.8 |
| 17. | 0.2 M Sodium Nitrate | 17. | 20% w/v Polyethylene Glycol 3350 | 17. | 6.8 |
| 18. | 0.2 M Potassium Nitrate | 18. | 20% w/v Polyethylene Glycol 3350 | 18. | 6.9 |
| 19. | 0.2 M Ammonium Nitrate | 19. | 20% w/v Polyethylene Glycol 3350 | 19. | 6.3 |
| 20. | 0.2 M Magnesium Formate | 20. | 20% w/v Polyethylene Glycol 3350 | 20. | 5.9 |
| 21. | 0.2 M Sodium Formate | 21. | 20% w/v Polyethylene Glycol 3350 | 21. | 7.2 |
| 22. | 0.2 M Potassium Formate | 22. | 20% w/v Polyethylene Glycol 3350 | 22. | 7.3 |
| 23. | 0.2 M Ammonium Formate | 23. | 20% w/v Polyethylene Glycol 3350 | 23. | 6.6 |
| 24. | 0.2 M Lithium Acetate dihydrate | 24. | 20% w/v Polyethylene Glycol 3350 | 24. | 7.8 |
| 25. | 0.2 M Magnesium Acetate tetrahydrate | 25. | 20% w/v Polyethylene Glycol 3350 | 25. | 7.7 |
| 26. | 0.2 M Zinc Acetate dihydrate | 26. | 20% w/v Polyethylene Glycol 3350 | 26. | 6.3 |
| 27. | 0.2 M Sodium Acetate trihydrate | 27. | 20% w/v Polyethylene Glycol 3350 | 27. | 7.9 |
| 28. | 0.2 M Calcium Acetate hydrate | 28. | 20% w/v Polyethylene Glycol 3350 | 28. | 7.3 |
| 29. | 0.2 M Potassium Acetate | 29. | 20% w/v Polyethylene Glycol 3350 | 29. | 7.8 |
| 30. | 0.2 M Ammonium Acetate | 30. | 20% w/v Polyethylene Glycol 3350 | 30. | 7.1 |
| 31. | 0.2 M Lithium Sulfate monohydrate | 31. | 20% w/v Polyethylene Glycol 3350 | 31. | 6.4 |
| 32. | 0.2 M Magnesium Sulfate heptahydrate | 32. | 20% w/v Polyethylene Glycol 3350 | 32. | 5.9 |
| 33. | 0.2 M Sodium Sulfate decahydrate | 33. | 20% w/v Polyethylene Glycol 3350 | 33. | 6.6 |
| 34. | 0.2 M Potassium Sulfate | 34. | 20% w/v Polyethylene Glycol 3350 | 34. | 6.7 |
| 35. | 0.2 M Ammonium Sulfate | 35. | 20% w/v Polyethylene Glycol 3350 | 35. | 6.0 |
| 36. | 0.2 M di-Sodium Tartrate dihydrate | 36. | 20% w/v Polyethylene Glycol 3350 | 36. | 7.2 |
| 37. | 0.2 M Potassium Sodium Tartrate tetrahydrate | 37. | 20% w/v Polyethylene Glycol 3350 | 37. | 7.2 |
| 38. | 0.2 M di-Ammonium Tartrate | 38. | 20% w/v Polyethylene Glycol 3350 | 38. | 6.6 |
| 39. | 0.2 M Sodium dihydrogen Phosphate monohydrate | 39. | 20% w/v Polyethylene Glycol 3350 | 39. | 4.5 |
| 40. | 0.2 M di-Sodium hydrogen Phosphate dihydrate | 40. | 20% w/v Polyethylene Glycol 3350 | 40. | 9.1 |
| 41. | 0.2 M Potassium dihydrogen Phosphate | 41. | 20% w/v Polyethylene Glycol 3350 | 41. | 4.7 |
| 42. | 0.2 M di-Potassium hydrogen Phosphate | 42. | 20% w/v Polyethylene Glycol 3350 | 42. | 9.2 |
| 43. | 0.2 M Ammonium dihydrogen Phosphate | 43. | 20% w/v Polyethylene Glycol 3350 | 43. | 4.6 |
| 44. | 0.2 M di-Ammonium hydrogen Phosphate | 44. | 20% w/v Polyethylene Glycol 3350 | 44. | 7.9 |
| 45. | 0.2 M tri-Lithium Citrate tetrahydrate | 45. | 20% w/v Polyethylene Glycol 3350 | 45. | 8.1 |
| 46. | 0.2 M tri-Sodium Citrate dihydrate | 46. | 20% w/v Polyethylene Glycol 3350 | 46. | 8.2 |
| 47. | 0.2 M tri-Potassium Citrate monohydrate | 47. | 20% w/v Polyethylene Glycol 3350 | 47. | 8.3 |
| 48. | 0.2 M di-Ammonium hydrogen Citrate | 48. | 20% w/v Polyethylene Glycol 3350 | 48. | 5.0 |



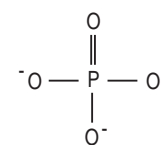
Acetate



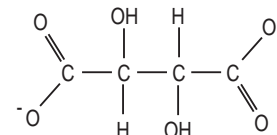
Formate



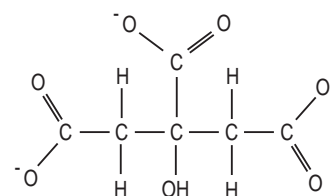
Sulfate



Phosphate



Tartrate



Citrate

PEG/lon Screen contains forty-eight unique reagents. To determine the formulation of each reagent, simply read across the page.

| Tube Number | Salt | Tube Number | Buffer † | Tube Number | Precipitant |
|-------------|--|-------------|----------------------------------|-------------|--|
| 1. | 0.01 M Magnesium Chloride | 1. | 0.05 M MES pH 5.6 | 1. | 2.0 M Lithium Sulfate monohydrate |
| 2. | 0.01 M Magnesium Acetate | 2. | 0.05 M MES pH 5.6 | 2. | 2.5 M Ammonium Sulfate |
| 3. | 0.1 M Magnesium acetate | 3. | 0.05 M MES pH 5.6 | 3. | 20% v/v 2-Methyl-2,4-pentanediol |
| 4. | 0.2 M Potassium Chloride, 0.01 M Mg Sulfate | 4. | 0.05 M MES pH 5.6 | 4. | 10% v/v Polyethylene Glycol 400 |
| 5. | 0.2 M Potassium Chloride, 0.01 M Mg Chloride | 5. | 0.05 M MES pH 5.6 | 5. | 5% w/v Polyethylene Glycol 8000 |
| 6. | 0.1 M Ammonium Sulfate, 0.01 M Mg Chloride | 6. | 0.05 M MES pH 5.6 | 6. | 20% w/v Polyethylene Glycol 8000 |
| 7. | 0.02 M Magnesium Chloride | 7. | 0.05 M MES pH 6.0 | 7. | 15% v/v iso-Propanol |
| 8. | 0.1 M Ammonium Acetate, 0.005 M Mg Sulfate | 8. | 0.05 M MES pH 6.0 | 8. | 0.6 M Sodium Chloride |
| 9. | 0.1 M Potassium Chloride, 0.01 M Mg Chloride | 9. | 0.05 M MES pH 6.0 | 9. | 10% v/v Polyethylene Glycol 400 |
| 10. | 0.005 M Magnesium Sulfate | 10. | 0.05 M MES pH 6.0 | 10. | 5% w/v Polyethylene Glycol 4000 |
| 11. | 0.01 M Magnesium Chloride | 11. | 0.05 M Sodium Cacodylate pH 6.0 | 11. | 1.0 M Lithium Sulfate monohydrate |
| 12. | 0.01 M Magnesium Sulfate | 12. | 0.05 M Sodium Cacodylate pH 6.0 | 12. | 1.8 M Lithium Sulfate monohydrate |
| 13. | 0.015 M Magnesium Acetate | 13. | 0.05 M Sodium Cacodylate pH 6.0 | 13. | 1.7 M Ammonium Sulfate |
| 14. | 0.1 M Potassium Chloride, 0.025 M Mg Chloride | 14. | 0.05 M Sodium Cacodylate pH 6.0 | 14. | 15% v/v iso-Propanol |
| 15. | 0.04 M Magnesium Chloride | 15. | 0.05 M Sodium Cacodylate pH 6.0 | 15. | 5% v/v 2-Methyl-2,4-pentanediol |
| 16. | 0.04 M Magnesium Acetate | 16. | 0.05 M Sodium Cacodylate pH 6.0 | 16. | 30% v/v 2-Methyl-2,4-pentanediol |
| 17. | 0.2 M Potassium Chloride, 0.01 M Ca Chloride | 17. | 0.05 M Sodium Cacodylate pH 6.0 | 17. | 10% w/v Polyethylene Glycol 4000 |
| 18. | 0.01 M Magnesium Acetate | 18. | 0.05 M Sodium Cacodylate pH 6.5 | 18. | 1.3 M Lithium Sulfate monohydrate |
| 19. | 0.01 M Magnesium Sulfate | 19. | 0.05 M Sodium Cacodylate pH 6.5 | 19. | 2.0 M Ammonium Sulfate |
| 20. | 0.1 M Ammonium Acetate, 0.015 M Mg Acetate | 20. | 0.05 M Sodium Cacodylate pH 6.5 | 20. | 10% v/v iso-Propanol |
| 21. | 0.2 M Potassium Chloride, 0.005 M Mg Chloride | 21. | 0.05 M Sodium Cacodylate pH 6.5 | 21. | 10% w/v 1,6 Hexanediol |
| 22. | 0.08 M Magnesium Acetate | 22. | 0.05 M Sodium Cacodylate pH 6.5 | 22. | 15% v/v Polyethylene Glycol 400 |
| 23. | 0.2 M Potassium Chloride, 0.01 M Mg Chloride | 23. | 0.05 M Sodium Cacodylate pH 6.5 | 23. | 10% w/v Polyethylene Glycol 4000 |
| 24. | 0.2 M Ammonium Acetate, 0.01 M Ca Chloride | 24. | 0.05 M Sodium Cacodylate pH 6.5 | 24. | 10% w/v Polyethylene Glycol 4000 |
| 25. | 0.08 M Magnesium Acetate | 25. | 0.05 M Sodium Cacodylate pH 6.5 | 25. | 30% w/v Polyethylene Glycol 4000 |
| 26. | 0.2 M Potassium Chloride, 0.1 M Mg Acetate | 26. | 0.05 M Sodium Cacodylate pH 6.5 | 26. | 10% w/v Polyethylene Glycol 8000 |
| 27. | 0.2 M Ammonium Acetate, 0.01 M Mg Acetate | 27. | 0.05 M Sodium Cacodylate pH 6.5 | 27. | 30% w/v Polyethylene Glycol 8000 |
| 28. | 0.05 M Magnesium Sulfate Aq. | 28. | 0.05 M HEPES - Na pH 7.0 | 28. | 1.6 M Lithium Sulfate monohydrate |
| 29. | 0.01 M Magnesium Chloride | 29. | 0.05 M HEPES - Na pH 7.0 | 29. | 4.0 M Lithium Chloride anhydrous |
| 30. | 0.01 M Magnesium Chloride | 30. | 0.05 M HEPES - Na pH 7.0 | 30. | 1.6 M Ammonium Sulfate |
| 31. | 0.005 M Magnesium Chloride | 31. | 0.05 M HEPES - Na pH 7.0 | 31. | 25% v/v Polyethylene Glycol Monomethyl Ether 550 |
| 32. | 0.2 M Potassium Chloride, 0.01 M Mg Chloride | 32. | 0.05 M HEPES - Na pH 7.0 | 32. | 20% w/v 1,6 Hexanediol |
| 33. | 0.2 M Ammonium Chloride, 0.01 M Mg Chloride | 33. | 0.05 M HEPES - Na pH 7.0 | 33. | 30% w/v 1,6 Hexanediol |
| 34. | 0.1 M Potassium Chloride, 0.005 M Mg Sulfate Aq. | 34. | 0.05 M HEPES - Na pH 7.0 | 34. | 15% v/v 2-Methyl-2,4-pentanediol |
| 35. | 0.1 M Potassium Chloride, 0.01 M Mg Chloride | 35. | 0.05 M HEPES - Na pH 7.0 | 35. | 5% v/v Polyethylene Glycol 400 |
| 36. | 0.1 M Potassium Chloride, 0.01 M Ca Chloride | 36. | 0.05 M HEPES - Na pH 7.0 | 36. | 10% v/v Polyethylene Glycol 400 |
| 37. | 0.2 M Potassium Chloride, 0.025 M Mg Sulfate Aq. | 37. | 0.05 M HEPES - Na pH 7.0 | 37. | 20% v/v Polyethylene Glycol 200 |
| 38. | 0.2 M Ammonium Acetate, 0.15 M Mg Acetate | 38. | 0.05 M HEPES - Na pH 7.0 | 38. | 5% w/v Polyethylene Glycol 4000 |
| 39. | 0.1 M Ammonium Acetate, 0.02 M Mg Chloride | 39. | 0.05 M HEPES - Na pH 7.0 | 39. | 5% w/v Polyethylene Glycol 8000 |
| 40. | 0.01 M Magnesium Chloride | 40. | 0.05 M Tris Hydrochloride pH 7.5 | 40. | 1.6 M Ammonium Sulfate |
| 41. | 0.1 M Potassium Chloride, 0.015 M Mg Chloride | 41. | 0.05 M Tris Hydrochloride pH 7.5 | 41. | 10% v/v Polyethylene Glycol Monomethyl Ether 550 |
| 42. | 0.01 M Magnesium Chloride | 42. | 0.05 M Tris Hydrochloride pH 7.5 | 42. | 5% v/v iso-Propanol |
| 43. | 0.05 M Ammonium Acetate, 0.01 M Mg Chloride | 43. | 0.05 M Tris Hydrochloride pH 7.5 | 43. | 10% v/v 2-Methyl-2,4-pentanediol |
| 44. | 0.2 M Potassium Chloride, 0.05 M Mg Chloride | 44. | 0.05 M Tris Hydrochloride pH 7.5 | 44. | 10% w/v Polyethylene Glycol 4000 |
| 45. | 0.025 M Magnesium Sulfate Aq. | 45. | 0.05 M Tris Hydrochloride pH 8.5 | 45. | 1.8 M Ammonium Sulfate |
| 46. | 0.005 M Magnesium Sulfate Aq. | 46. | 0.05 M Tris Hydrochloride pH 8.5 | 46. | 35% w/v 1,6 Hexanediol |
| 47. | 0.1 M Potassium Chloride, 0.01 M Mg Chloride | 47. | 0.05 M Tris Hydrochloride pH 8.5 | 47. | 30% v/v Polyethylene Glycol 400 |
| 48. | 0.2 M Ammonium Chloride, 0.01 M Ca Chloride | 48. | 0.05 M Tris Hydrochloride pH 8.5 | 48. | 30% w/v Polyethylene Glycol 4000 |

† Buffer pH is that of a 1.0 M stock prior to dilution with other reagent components. pH with HCl or NaOH.

Natrix contains forty-eight unique reagents. To determine the formulation of each reagent, simply read across the page.