

ROTI®Fair reagents



Highly pure reagents and buffer mixes in pouches or as tablets.



ROTI®Fair - the range of sustainable reagent mixtures. For easy use, optimum quality and reproducible results.

A tablet or the contents of a sachet is simply dissolved in the appropriate amount of water - and the desired solution is ready. By adjusting the amount of water, the concentration can easily be varied and a higher concentrated stock solution, for example, can be prepared.

- **Easy to use** - simply dissolve the contents of a bag or tablet in water.
- **Time saving** - no need to weigh reagents or adjust the pH.
- **Practical** - dry reagents for direct use eliminate the need to prepare stock solutions that have been stored for long periods.
- **Reliable** - our stringent quality control ensures high batch consistency.

Product name	Buffer/solution	Use	Batch quantity	End con.	pH value	Art. No.	Pack Qty.
ROTI®Fair BBS	Borate Buffered Saline	Coating of ELISA plates and blocking supplement.	500 ml/tablet	1x	8,2 ±0,05	1005.1	100 unit(s)
ROTI®Fair BSC	Buffered Sodium Citrate	Buffer solution for isolation of blood cells	100 ml/pouch	0.109 M / 3.2 %		1011.1	10 unit(s)
			1000 ml/pouch			1026.1	5 unit(s)
ROTI®Fair 0.5M EDTA	Ethylenediamine tetraacetic acid solution	For preparation of bioanalytical solutions, anticoagulant	500 ml/pouch	0,5 M	8,0 ±0,05	1031.1	5 unit(s)
ROTI®Fair 20% Glucose	D(+)-Glucose solution	For preparation of nutrient media	1000 ml/pouch	20 %		1030.1	5 unit(s)
ROTI®Fair Glycine 3.0	Glycine solution	For preparation of buffer solutions with acidic pH and elution buffer in affinity chromatography	1000 ml/pouch	0.1 M	3,0 ±0,05	1032.1	10 unit(s)
ROTI®Fair HBS	HEPES Buffered Saline	General buffer base and for calcium phosphate mediated transfection	500 ml/tablet	1x	7,4 ±0,05	1033.1	12 unit(s)
ROTI®Fair 1M KCl	Potassium chloride solution	For preparation of salt solutions and buffer concoctions	1000 ml/pouch	1 M		1034.1	10 unit(s)
ROTI®Fair 3M KCl	Potassium chloride solution	For preparation of salt solutions and buffer concoctions	1000 ml/pouch	3 M		1035.1	5 unit(s)
			100 ml/tablet			1053.1	100 unit(s)
			1000 ml/tablet			1067.1	10 unit(s)
ROTI®Fair 0.9 % NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	1000 ml/tablet	0,9 %		1067.2	100 unit(s)
			1000 ml/pouch			1071.1	5 unit(s)
ROTI®Fair 3M NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	1000 ml/pouch	3 M		1071.1	5 unit(s)
ROTI®Fair 5M NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	1000 ml/pouch	5 M		1079.1	5 unit(s)
			1000 ml/pouch			1090.1	10 unit(s)
ROTI®Fair 0.02M Na-Phosphate 7.0	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	0,02 M	7,0 ±0,05	1090.1	10 unit(s)
			5000 ml/pouch			1094.1	10 unit(s)
ROTI®Fair 1M Na-Phosphate 6.5	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1 M	6,5 ±0,05	1095.1	10 unit(s)
ROTI®Fair 1M Na-Phosphate 7.2	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1 M	7,2 ±0,05	1097.1	10 unit(s)
ROTI®Fair PBS 7.2	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	1000 ml/tablet	1x	7,2 ±0,05	1106.1	10 unit(s)
			1000 ml/tablet			1106.2	100 unit(s)
ROTI®Fair PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	100 ml/tablet	1x	7,4 ±0,05	1107.1	100 unit(s)
			200 ml/tablet			1108.1	100 unit(s)
			500 ml/tablet			1111.1	12 unit(s)
			1000 ml/tablet			1111.2	100 unit(s)
			1000 ml/tablet	1x	7,4 ±0,05	1112.1	10 unit(s)
						1112.2	100 unit(s)



Product name	Buffer/solution	Use	Batch quantity	End con.	pH value	Art. No.	Pack Qty.
ROTI®Fair PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	10 l/pouch	1x	7,4 ±0,05	1101.1	1 unit(s)
			50 l/pouch	1x	7,4 ±0,05	1103.1	1 unit(s)
			100 l/pouch	1x	7,4 ±0,05	1104.1	1 unit(s)
ROTI®Fair 10x PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	10x	7,4 ±0,05	1105.1	5 unit(s)
ROTI®Fair PBS potassium-free 7.4	Phosphate Buffered Saline, potassium-free	Potassium-free, general solution for assays in molecular biology and biochemistry	1000 ml/tablet	1x	7,4 ±0,05	1113.1	10 unit(s)
	Phosphate Buffered Saline, potassium-free, high-phosphate	Potassium-free, high-phosphate general solution for assays in molecular biology and biochemistry	1000 ml/tablet	1x	7,4 ±0,05	1114.1	100 unit(s)
ROTI®Fair PBST 7.4	Phosphate Buffered Saline/Tween	General solution for assays in molecular biology and biochemistry	500 ml/tablet	1x	7,4 ±0,05	1115.1	12 unit(s)
						1115.2	100 unit(s)
			1000 ml/tablet	1x	7,4 ±0,05	1116.1	10 unit(s)
					1116.2	100 unit(s)	
ROTI®Fair pNPP 5mg	pNPP (tablet), p-Nitrophenyl phosphate	Substrate solution for alkaline phosphatase	5 mg/tablet	1 mg/ml		1117.1	24 unit(s)
						1117.3	100 unit(s)
ROTI®Fair pNPP 20mg	pNPP (tablet), p-Nitrophenyl phosphate	Substrate solution for alkaline phosphatase	20 mg/tablet	1 mg/ml		1128.1	24 unit(s)
						1128.3	100 unit(s)
ROTI®Fair SDS-PAGE	Tris-glycine-SDS buffer	Buffer for protein electrophoresis	1000 ml/pouch	1x	8,3 ±0,05	1249.1	10 unit(s)
	Tris-glycine-SDS buffer	Buffer for protein electrophoresis	5000 ml/pouch	1x	8,3 ±0,05	1250.1	10 unit(s)
ROTI®Fair 20x SSC	Sodium sodium citrate buffer	Buffer solution for Southern- and Northern transfer	1000 ml/pouch	20x	7,0 ±0,05	1232.1	5 unit(s)
ROTI®Fair SSPE	Sodium sodium phosphate EDTA buffer	Buffer solution for DNA- and RNA hybridisation	200 ml/tablet	1x	7,4 ±0,05	1233.1	100 unit(s)
ROTI®Fair 50x TAE	Tris acetate EDTA buffer	Buffer solution for DNA electrophoresis	500 ml/pouch	50x	8,3 ±0,05	1234.1	5 unit(s)
			1000 ml/pouch	50x	8,3 ±0,05	1240.1	5 unit(s)
ROTI®Fair 1x TBE	Tris acetate EDTA buffer	Buffer solution for DNA electrophoresis	1000 ml/pouch	1x	8,3 ±0,05	1241.1	10 unit(s)
ROTI®Fair 5x TBE	Tris acetate EDTA buffer	Buffer solution for DNA electrophoresis	1000 ml/pouch	5x	8,3 ±0,05	1242.1	10 unit(s)
ROTI®Fair 10x TBE	Tris acetate EDTA buffer	Buffer solution for DNA electrophoresis	1000 ml/pouch	10x	8,3 ±0,05	1243.1	10 unit(s)
ROTI®Fair TBS 7.6	Tris-buffered salt solution, Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	500 ml/tablet	1x	7,6 ±0,05	1244.1	10 unit(s)
						1244.2	100 unit(s)
ROTI®Fair TBS 8.0	Tris-buffered salt solution, Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1x	8,0 ±0,05	1245.1	10 unit(s)
ROTI®Fair 10x TBS 8.0	Tris-buffered salt solution, Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	10x	8,0 ±0,05	1247.1	10 unit(s)
ROTI®Fair TBST 7.6	Tris-buffered salt solution with Tween, Tris Buffered Saline/Tween	General solution for assays in molecular biology and biochemistry	500 ml/tablet	1x	7,6 ±0,05	1248.1	10 unit(s)
						1248.2	100 unit(s)
ROTI®Fair 10x TE	Tris EDTA buffer	Buffer solution for solubilisation and dilution of nucleic acids	1000 ml/pouch	10x	7,4 ±0,05	1268.1	10 unit(s)
ROTI®Fair TG-Western	Tris-glycine buffer	Buffer for protein electrophoresis and transfer	1000 ml/pouch	1x	8,3 ±0,05	1269.1	10 unit(s)
			5000 ml/pouch	1x	8,3 ±0,05	1276.1	10 unit(s)
ROTI®Fair 1M Tris 7.4	Tris solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1 M	7,4 ±0,05	1251.1	10 unit(s)
ROTI®Fair 1M Tris 8.0	Tris solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1 M	8,0 ±0,05	1260.1	10 unit(s)
ROTI®Fair 1M Tris 8.3	Tris solution	General solution for assays in molecular biology and biochemistry	1000 ml/pouch	1 M	8,3 ±0,05	1261.1	10 unit(s)

For safety information and additional data, see our current catalogue or at www.carlroth.com

ROTI®Fair Products – Sustainability

As ready-to-use mixtures, ROTI®Fair products reduce the user's exposure to health-damaging substances used for preparation or pH adjustment. The production of ROTI®Fair tablets and sachets is carefully controlled in large quantities and can be made energy efficient. ROTI®Fair products reduce the total amount of waste produced and improve the footprint in the climate balance.

Current prices at www.carlroth.com

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Export prices might be higher.

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