



ROTI®Fair reagents

High-pure reagents and buffer mixes in pouches or as tablets.

ROTI®Fair - the new range of user-friendly reagent formulations. For simplest application, optimal quality and reproducible results.

One tablet or the content of one pouch is simply dissolved in the respective amount of water - the desired solution is ready for use. Simply adapt the amount of water in order to vary the concentration, for instance for preparation of a higher concentrated stock solution.

- **Easy-to-use** - simply dissolve contents of one pouch or one tablet in water
- **Timesaving** - no need for weighing of several reagents or adjustment of pH
- **Convenient** - dry reagents for direct use spare preparation of long-term stored stock solutions
- **Reliable** - stringent quality control ensures high lot-to-lot consistency

Product	Buffer/solution	Use	Final concentration	pH value	Preparation scale	Art. No.	Pack Qty
ROTI®Fair BBS	Borate Buffered Saline	Coating of ELISA plates and blocking supplement	1x	8,2 ±0,05	500 ml/tablet	1005.1	100 tablets
ROTI®Fair BSC	Buffered Sodium Citrate	Buffer solution for isolation of blood cells	0,109 M / 3,2 %	-	1000 ml/pouch	1026.1	5 pouches
						1011.1	10 pouches
						1027.1	8 tablets
ROTI®Fair CBB	Carbonate bicarbonate buffer	Coating of microtiter plates and tubes for immunoassays	1x	9,6 ±0,05	100 ml/tablet	1027.2	24 tablets
						1027.3	100 tablets
ROTI®Fair 0.5M EDTA	Ethylenediamine tetraacetic acid solution	For preparation of bioanalytical solutions, anticoagulant	0,5 M	8,0 ±0,05	500 ml/pouch	1031.1	5 pouches
ROTI®Fair 20% Glucose	D(+)-Glucose solution	For preparation of nutrient media	20 %	-	1000 ml/pouch	1030.1	5 pouches
ROTI®Fair Glycine 3.0	Glycine solution	For preparation of buffer solutions with acidic pH and elution buffer in affinity chromatography	0,1 M	3,0 ±0,05	1000 ml/pouch	1032.1	10 pouches
ROTI®Fair HBS	HEPES Buffered Saline	General buffer base and for calcium phosphate mediated transfection	1 M	7,4 ±0,05	500 ml/tablet	1033.1	12 tablets
						1033.2	100 tablets
ROTI®Fair 1M KCl	Potassium chloride solution	For preparation of salt solutions and buffer concoctions	1 M	-	1000 ml/pouch	1034.1	10 pouches
ROTI®Fair 3M KCl	Potassium chloride solution	For preparation of salt solutions and buffer concoctions	3 M	-	1000 ml/pouch	1035.1	5 pouches
ROTI®Fair 0.9% NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	0,9 %	-	1000 ml/tablet	1067.1	10 tablets
						1067.2	100 tablets
						1053.1	100 tablets
ROTI®Fair 3M NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	3 M	-	1000 ml/pouch	1071.1	5 pouches
ROTI®Fair 5M NaCl	Sodium chloride solution	For preparation of salt solutions and buffer concoctions	5 M	-	1000 ml/pouch	1079.1	5 pouches
ROTI®Fair Na-Acetate 5.2	Sodium acetate solution	For isolation of nucleic acids	3 M	5,2 ±0,05	1000 ml/pouch	1195.1	5 pouches
ROTI®Fair 0.02M Na-Phosphate 7.0	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	0,02 M	7,0 ±0,05	1000 ml/pouch	1090.1	10 pouches
						1094.1	10 pouches
ROTI®Fair 1M Na-Phosphate 6.5	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	1 M	6,5 ±0,05	1000 ml/pouch	1095.1	10 pouches
ROTI®Fair 1M Na-Phosphate 7.2	Sodium phosphate solution	General solution for assays in molecular biology and biochemistry	1 M	7,2 ±0,05	1000 ml/pouch	1097.1	10 pouches
ROTI®Fair PBS 7.2	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	1x	7,2 ±0,05	1000 ml/tablet	1106.1	10 tablets
						1106.2	100 tablets
ROTI®Fair PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	1x	7,4 ±0,05	10 l/pouch	1101.1	1 pouch
					50 l/pouch	1103.1	1 pouch
					100 l/pouch	1104.1	1 pouch

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Product	Buffer/solution	Use	Final concentration	pH value	Preparation scale	Art. No.	Pack Qty
ROTI®Fair PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	1x	7,4 ±0,05	100 ml/tablet	1107.1	100 tablets
					200 ml/tablet	1108.1	100 tablets
					500 ml/tablet	1111.1	12 tablets
						1111.2	100 tablets
					1000 ml/tablet	1112.1	10 tablets
					1112.2	100 tablets	
ROTI®Fair 10x PBS 7.4	Phosphate Buffered Saline	General solution for assays in molecular biology and biochemistry	10x	7,4 ±0,05	1000 ml/pouch	1105.1	5 pouches
ROTI®Fair PBS potassium-free 7.4	Phosphate Buffered Saline, potassium-free	Potassium-free, general solution for assays in molecular biology and biochemistry	1x	7,4 ±0,05	1000 ml/tablet	1113.1	10 tablets
						1113.2	100 tablets
ROTI®Fair PBS potassium-free 7.4	Phosphate Buffered Saline, potassium-free, high-phosphate	Potassium-free, high-phosphate general solution for assays in molecular biology and biochemistry	1x	7,4 ±0,05	1000 ml/tablet	1114.1	100 tablets
ROTI®Fair PBST 7.4	Phosphate Buffered Saline/Tween	General solution for assays in molecular biology and biochemistry	1x	7,4 ±0,05	500 ml/tablet	1115.1	12 tablets
						1115.2	100 tablets
					1000 ml/tablet	1116.1	10 tablets
						1116.2	100 tablets
ROTI®Fair pNPP 5mg	pNPP, p-Nitrophenyl phosphate	Substrate solution for alkaline phosphatase	1 mg/ml	-	5 mg/tablet	1117.1	24 tablets
						1117.2	100 tablets
ROTI®Fair pNPP 20mg	pNPP (tablet), p-Nitrophenyl phosphate	Substrate solution for alkaline phosphatase	1 mg/ml	-	20 mg/tablet	1128.1	24 tablets
						1128.2	100 tablets
ROTI®Fair SDS 0.5g	Sodium dodecyl sulphate solution	Anionic detergent for preparation of bio-analytical solutions	variable	-	0,5 g/tablet	1156.1	50 tablets
ROTI®Fair SDS-PAGE	Tris-glycine-SDS buffer	Buffer for protein electrophoresis	1x	8,3 ±0,05	1000 ml/pouch	1249.1	10 pouches
					5000 ml/pouch	1250.1	10 pouches
ROTI®Fair 20x SSC	Sodium sodium citrate buffer	Buffer solution for Southern- and Northern transfer	20x	7,0 ±0,05	1000 ml/pouch	1232.1	5 pouches
ROTI®Fair SSPE	Sodium sodium phosphate EDTA buffer	Buffer solution for DNA- and RNA hybridisation	1x	7,4 ±0,05	200 ml/tablet	1233.1	100 tablets
ROTI®Fair 50x TAE	Tris acetate EDTA buffer	Buffer solution for DNA electrophoresis	50x	8,3 ±0,05	500 ml/pouch	1234.1	5 pouches
					1000 ml/pouch	1240.1	5 pouches
ROTI®Fair 1x TBE	Tris borate EDTA buffer	Buffer solution for DNA electrophoresis	1x	8,3 ±0,05	1000 ml/pouch	1241.1	10 pouches
ROTI®Fair 5x TBE	Tris borate EDTA buffer	Buffer solution for DNA electrophoresis	5x	8,3 ±0,05	1000 ml/pouch	1242.1	10 pouches
ROTI®Fair 10x TBE	Tris borate EDTA buffer	Buffer solution for DNA electrophoresis	10x	8,3 ±0,05	1000 ml/pouch	1243.1	10 pouches
ROTI®Fair TBS 7.6	Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	1x	7,6 ±0,05	500 ml/tablet	1244.1	10 tablets
						1244.2	100 tablets
ROTI®Fair TBS 8.0	Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	1x	8,0 ±0,05	1000 ml/pouch	1245.1	10 pouches
ROTI®Fair 10x TBS 8.0	Tris Buffered Saline	General solution for assays in molecular biology and biochemistry	10x	8,0 ±0,05	1000 ml/pouch	1247.1	10 pouches
ROTI®Fair TBST 7.6	Tris Buffered Saline/Tween	General solution for assays in molecular biology and biochemistry	1x	7,6 ±0,05	500 ml/tablet	1248.1	10 tablets
						1248.2	100 tablets
ROTI®Fair 10x TE	Tris EDTA buffer	Buffer solution for solubilisation and dilution of nucleic acids	10x	7,4 ±0,05	1000 ml/pouch	1268.1	10 pouches
						1269.1	10 pouches
ROTI®Fair TG-Western	Tris-glycine buffer	Buffer for protein electrophoresis and transfer	1x	8,3 ±0,05	5000 ml/pouch	1276.1	10 pouches
ROTI®Fair 1M Tris 7.4	Tris solution	General solution for assays in molecular biology and biochemistry	1 M	7,4 ±0,05	1000 ml/pouch	1251.1	10 pouches
ROTI®Fair 1M Tris 8.0	Tris solution	General solution for assays in molecular biology and biochemistry	1 M	8,0 ±0,05	1000 ml/pouch	1260.1	10 pouches
ROTI®Fair 1M Tris 8.3	Tris solution	General solution for assays in molecular biology and biochemistry	1 M	8,3 ±0,05	1000 ml/pouch	1261.1	10 pouches

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

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