

Description	Tests	Colour	Cat#	Description	Tests	Colour	Cat#
1p36	20	green/red	KBI-30200				
1p31	20	green/red	KBI-30201	8q11-12	20	green/red	KBI-30254
1p31-21	20	green/red	KBI-30202	8q12 (+9q12)	20	green/red	KBI-30255
1q43-44	20	green/red	KBI-30203	8q21-ter (+9qter)	20	green/red	KBI-30256
1q31	20	green/red	KBI-30204	8q11.23-13	20	green/red	KBI-30257
1q22-31	20	green/red	KBI-30205	8q11-13	20	green/red	KBI-30258
1q32-41	20	green/red	KBI-30206	8q13	20	green/red	KBI-30259
2p11-2q11	20	green/red	KBI-30207	8q24	20	green/red	KBI-30260
2p13-11.2	20	green/red	KBI-30208	8q24ter	20	green/red	KBI-30261
2q12-14	20	green/red	KBI-30209	9p23-13	20	green/red	KBI-30262
2q13-22	20	green/red	KBI-30210	9p21-cen	20	green/red	KBI-30263
2q21.2-24.1	20	green/red	KBI-30211	9p12-q21	20	green/red	KBI-30264
2q31-34	20	green/red	KBI-30212	9q12-21	20	green/red	KBI-30265
2q33-ter	20	green/red	KBI-30213	9q22	20	green/red	KBI-30266
2q32.3-35	20	green/red	KBI-30214	10q24-25	20	green/red	KBI-30267
3pter-p23	20	green/red	KBI-30215	10q24-ter	20	green/red	KBI-30268
3pter-24	20	green/red	KBI-30216	11p11.2-13	20	green/red	KBI-30269
3p 14-21.2	20	green/red	KBI-30217	11p15	20	green/red	KBI-30270
3p23-21.2	20	green/red	KBI-30218	11p15-11	20	green/red	KBI-30271
3p24.1	20	green/red	KBI-30219	11q12-13	20	green/red	KBI-30272
3p24-21	20	green/red	KBI-30220	11q14-23	20	green/red	KBI-30273
3p24-23	20	green/red	KBI-30221	11q22-23.2	20	green/red	KBI-30274
3p14.1-12	20	green/red	KBI-30222	11q23-ter	20	green/red	KBI-30275
3p21	20	green/red	KBI-30223	12p13-pter	20	green/red	KBI-30276
3p21.3	20	green/red	KBI-30224	112p12-q12	20	green/red	KBI-30277
3q12-13	20	green/red	KBI-30225	12p11-q12	20	green/red	KBI-30278
3q13.3-24	20	green/red	KBI-30226	12q13-15	20	green/red	KBI-30279
3q22-23	20	green/red	KBI-30227	12q23-24	20	green/red	KBI-30280
3q24-26	20	green/red	KBI-30228	13q21-qter	20	green/red	KBI-30281
3q25-ter	20	green/red	KBI-30229	13q31-qter	20	green/red	KBI-30282
3q26-ter	20	green/red	KBI-30230	14q24-31	20	green/red	KBI-30283
4q12-21	20	green/red	KBI-30231	14q32	20	green/red	KBI-30284
4q22-26	20	green/red	KBI-30232	15cen	20	green/red	KBI-30285
4q24-26	20	green/red	KBI-30233	15q22-25	20	green/red	KBI-30286
4q32-ter	20	green/red	KBI-30234	16q13-ter	20	green/red	KBI-30287
5cen	20	green/red	KBI-30235	18q11.2-12	20	green/red	KBI-30288
5p14	20	green/red	KBI-30236	18q12-ter	20	green/red	KBI-30289
5q32-34	20	green/red	KBI-30237	18q21-ter	20	green/red	KBI-30290
6p21	20	green/red	KBI-30238	19pter-p13.2	20	green/red	KBI-30291
6p21.3	20	green/red	KBI-30239	19p13.2-q13.2	20	green/red	KBI-30292
6q12-15	20	green/red	KBI-30240	20p11	20	green/red	KBI-30293
6q21	20	green/red	KBI-30241	21q21	20	green/red	KBI-30294
6q21-23	20	green/red	KBI-30242	Xp11	20	green/red	KBI-30295
6q23-25	20	green/red	KBI-30243	Xp11.22-q22.3	20	green/red	KBI-30296
7p14-11	20	green/red	KBI-30244	Xp22	20	green/red	KBI-30297
7q21-ter	20	green/red	KBI-30245	Xp21	20	green/red	KBI-30298
7q31	20	green/red	KBI-30246	Xcen	20	green/red	KBI-30299
7q32-36	20	green/red	KBI-30247	Xq11.2-13	20	green/red	KBI-30300
7q34-ter	20	green/red	KBI-30249	Xq11.1-13	20	green/red	KBI-30301
8p23	20	green/red	KBI-30250	Xq25-26	20	green/red	KBI-30302
8p12-22	20	green/red	KBI-30251	Xq28	20	green/red	KBI-30303
8p22-ter	20	green/red	KBI-30253	Yq	20	green/red	KBI-30304

POSEIDON™



Application Manual

KBI-30200-30304

Band Specific Probes

RUO



KREATECH Diagnostics
Vlietweg 20
1032 LG Amsterdam
The Netherlands



Published Oct 2008

www.poseidondiagnosics.com

Poseidon™ Band Specific Probes

Introduction: The **Poseidon Band Specific Probes** are obtained from microdissected DNA material. These probes hybridize to single and/or several adjacent bands on chromosomes. Band Specific Probes are a more refined research tool to be used in the investigation of complex chromosomal re-arrangements and marker chromosome identification.

Intended use: The Poseidon Band Specific Probes are designed for **Research Use Only** and are not intended to be used for diagnostic purposes.

Due to the 'resolution' which can be obtained by microdissection it is not always possible to create each single band from a particular chromosome. Detailed descriptions of currently available Band Specific probes are listed in the table included in this manual.

Note: in some cases cross-hybridization between specific chromosome bands to other chromosomes is possible. This is indicated in the table describing the individual probes.

These probes are recommended to be used in combination with a Poseidon FISH Kit providing necessary reagents to perform FISH (KBI-60002) for optimal results. **Please refer to the Instructions for Use for the entire Poseidon FISH protocol.**

Reagent: The **Poseidon Band Specific Probes** are direct-labeled labeled with a fluorochrome in either green (FITC range) or red (Rhodamine range) and provided in a ready-to-use format. Apply 10 µl of probe to a sample area of approximately 22 x 22 mm. Each vial of probe will process 20 slides using 10 ul probe per assay.

Ordering Information: please add -R or -G to the Cat# to select for the red or green fluorophore. (Blue can be made available upon request). Other Band Specific Poseidon™ Probes could be provided on request.