| Cat Nr/REF: | KBI-30100-30141 | English | For professional use only |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cat\# | Description | Colour | Conc | Nr of tests | volume |
| KBI-30100 | ASP 1p | Red or green | RtU | 5 | 50 ul |
| KBI-30101 | ASP 1q | Red or green | RtU | 5 | 50 ul |
| KBI-30102 | ASP $2 p$ | Red or green | RtU | 5 | 50 ul |
| KBI-30103 | ASP 2q | Red or green | RtU | 5 | 50 ul |
| KBI-30104 | ASP 3p | Red or green | RtU | 5 | 50 ul |
| KBI-30105 | ASP 3q | Red or green | RtU | 5 | 50 ul |
| KBI-30106 | ASP 4p | Red or green | RtU | 5 | 50 ul |
| KBI-30107 | ASP 4q | Red or green | RtU | 5 | 50 ul |
| KBI-30108 | ASP 5p | Red or green | RtU | 5 | 50 ul |
| KBI-30109 | ASP 5q | Red or green | RtU | 5 | 50 ul |
| KBI-30110 | ASP $6 p$ | Red or green | RtU | 5 | 50 ul |
| KBI-30111 | ASP 6 q | Red or green | RtU | 5 | 50 ul |
| KBI-30112 | ASP 7p | Red or green | RtU | 5 | 50 ul |
| KBI-30113 | ASP 7q | Red or green | RtU | 5 | 50 ul |
| KBI-30114 | ASP 8 p | Red or green | RtU | 5 | 50 ul |
| KBI-30115 | ASP 8q | Red or green | RtU | 5 | 50 ul |
| KBI-30116 | ASP 9p | Red or green | RtU | 5 | 50 ul |
| KBI-30117 | ASP 9q | Red or green | RtU | 5 | 50 ul |
| KBI-30118 | ASP 10p | Red or green | RtU | 5 | 50 ul |
| KBI-30119 | ASP 10q | Red or green | RtU | 5 | 50 ul |
| KBI-30120 | ASP 11p | Red or green | RtU | 5 | 50 ul |
| KBI-30121 | ASP 11q | Red or green | RtU | 5 | 50 ul |
| KBI-30122 | ASP 12p | Red or green | RtU | 5 | 50 ul |
| KBI-30123 | ASP 12q | Red or green | RtU | 5 | 50 ul |
| KBI-30124 | ASP 13q | Red or green | RtU | 5 | 50 ul |
| KBI-30125 | ASP 14q | Red or green | RtU | 5 | 50 ul |
| KBI-30126 | ASP 15q | Red or green | RtU | 5 | 50 ul |
| KBI-30127 | ASP 16p | Red or green | RtU | 5 | 50 ul |
| KBI-30128 | ASP 16q | Red or green | RtU | 5 | 50 ul |
| KBI-30129 | ASP 17p | Red or green | RtU | 5 | 50 ul |
| KBI-30130 | ASP 17q | Red or green | RtU | 5 | 50 ul |
| KBI-30131 | ASP 18p | Red or green | RtU | 5 | 50 ul |
| KBI-30132 | ASP 18q | Red or green | RtU | 5 | 50 ul |
| KBI-30133 | ASP 19p | Red or green | RtU | 5 | 50 ul |
| KBI-30134 | ASP 19q | Red or green | RtU | 5 | 50 ul |
| KBI-30135 | ASP 20p | Red or green | RtU | 5 | 50 ul |
| KBI-30136 | ASP 20q | Red or green | RtU | 5 | 50 ul |
| KBI-30137 | ASP 21q | Red or green | RtU | 5 | 50 ul |
| KBI-30138 | ASP 22q | Red or green | RtU | 5 | 50 ul |
| KBI-30139 | ASP Xp | Red or green | RtU | 5 | 50 ul |
| KBI-30140 | ASP Xq | Red or green | RtU | 5 | 50 ul |
| KBI-30141 | ASP Yq | Red or green | RtU | 5 | 50 ul |

## AM-KBI-30100 R1.2.doc

## Poseidon ${ }^{\text {TM }}$ Arm Specific Probes

Introduction: The Poseidon Arm Specific Probes are obtained from microdissected DNA material and are directly labeled with a fluorochrome in either green (FITC range) or red (Rhodamine range). These probes hybridize to either the p - or q arm of individual chromosomes. Arm Specific Paints 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 Arms Specific Probes are designed for Research Use Only and are not intended to be used for diagnostic purposes

Please note that only the $q$-arm is available for the acrocentric chromosomes (13, 14, 15, 21, 22) and $Y$. Heterochromatic areas (e.g. 1gh, 9qh and Yq ) will not be covered by this type of probe. Due to the possibility of diffuse signals these Arm Specific Probes are not recommended for Interphase cell analysis.

Due to the presence of homologous sequences, also known as pseudoautosomal region, weak cross-hybridization between the ASP Xp and distal Yp could be observed. However, this is usually only visible in premature or longstretched chromosomes.

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 Arm 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 $10 \mu \mathrm{l}$ of probe to a sample area of approximately $22 \times 22 \mathrm{~mm}$. Each vial of probe will process 5 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).

