VisionArray® Arrays for DNA analysis

The VisionArray Detection Kit should be used in combination with a VisionArray PreCise Master Mix and a corresponding VisionArray Chip for the qualitative detection of specific DNA sequences. The automated analysis has to be performed with a VisionArray Analysis Package.

1) Preparatory Steps

• Prepare	1x Wash Buffer		
• Prewarm	Hybridizer or hybridization oven to 42 °C		
	Hybridization Solution, Detection Solution, Blue Spot Solution, 1x Wash Buffer to RT		
• Remove protective cover from the blue frame on the chip			

2) Hybridization

• Mix	20 µl Hybridization Solution with 10 µl PCR product		
• Apply	30 µl Hybridization mix to the array field		
• Close array field with the plastic lid			
• Hybridize		30 min	42 °C

3) Post-Hybridization

• Remove the plastic lid from the chip				
• Agitate	1x Wash Buffer	3x		RT
• Incubate	1x Wash Buffer		1 min	RT
• Centrifuge			15 sec	RT

This is a condensed protocol for the VisionArray® Detection Kit and should not replace the instruction for use!

VisionArray Detection

VisionArray® Arrays for DNA analysis

4) Detection

• Apply	100 µl Detection Solution		10 min	RT
• Agitate	1x Wash Buffer	3x		RT
• Incubate	1x Wash Buffer		1 min	RT
• Centrifuge			15 sec	RT
• Apply	100 µl Blue Spot Solution		5 min	RT
• Wash	1x Wash Buffer		15 sec	RT
• Centrifuge			30 sec	RT

Trademarks: VisionArray® is trademark of 42 life sciences GmbH & Co. KG

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VisionArray Detection

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VisionArray Detection