

Troubleshooting assistance continued ...

Problem	Possible Cause	Solution
No visible or very faint bands seen with the BSA control during 'buffer compatibility testing'	Possible heat block failure	Check the temperature of the heat block
	Excess freezing and thawing of the stock solution	Purchase new BSA control sample. See 'ordering information' for further details
	Incompatible resuspension buffer	Purchase new BSA control sample. See 'ordering information' for further details. Resuspend in deionised water or compatible buffer (PBS pH 7.4 or 20mM Tris pH 7.5)
Poor band resolution of custom made molecular weight standards	Heating of the sample during centrifugation	Repeat using a refrigerated bench top centrifuge at 4°C
	Poor labelling efficiency	Optimize labelling efficiency (time and temperature) using the 'standard' protocol prior to making the standards
	Incompatible buffer component	Test for incompatible components using the 'buffer compatibility test'
Solidified Realtime stain	Low temperature storage (2-4°C)	Warm Realtime stain gently (30-40°C) for a short period and mix well before use. It is not recommended to heat Realtime stain above this prior to use
Poor definition of lysate/serum bands	Not currently optimized for use with complex protein mixtures	Use standard sample loading buffer and stain with Quick Coomassie

Technical Support

For the latest technical support information:

- Go to www.proteinark.com and search for 'Realtime stain'
- Submit a question to our support team at info@proteinark.com
- Or contact our telephone sales and support team on +44 (0) 115 954 5454

Materials Safety Data Sheet (MSDS)

Materials Safety Data Sheets are available from Protein Ark upon request.

Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available upon request from Protein Ark by quoting the product catalogue number and lot number printed on the tin.

Ordering Information

Product	Order number
2ml Realtime stain	GEN-RT-STAIN-2000
0.2ml Realtime stain	GEN-RT-STAIN-200
White screen (10x10cm gel)	GEN-RT-SCREEN-1010
White screen (8x10cm gel)	GEN-RT-SCREEN-810
Vivaspin 20, 10,000Da MWCO (12 pack)	VS2001
10g Bovine Serum Albumin (>99%)	GEN-BSA-10
1g Bovine Serum Albumin (>99%)	GEN-BSA-1

Disclaimer

This product is designed for research purposes only. No right to resell this product or any of its components is conveyed. Please contact Protein Ark Ltd for further information.



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