

Nucleic acid extraction services from LGC Genomics

Use our experience and technology to your advantage

- Receive rapid and excellent service
- Save investment costs by using our state-of-the-art technology and application know-how
- Samples are processed by a certified laboratory (DIN EN ISO 9001:2000)
- Full sample traceability regardless of the barcode system used by customers
- Customised solutions for non-standard sample types available upon request



Ca. No.	Service	Starting material	Yield ca.
50401	Mini DNA extraction	10 µl blood	0.5 µg
50402	Midi DNA extraction	50 µl blood	1.5 µg
50403	Maxi DNA extraction	200 µl blood	4 - 6 µg
50404	Maxi DNA extraction PLUS	Whole blood (EDTA)	20 - 30 µg / ml blood
50406	DNA extraction from tissue	Tissue	Sample dependent
50510	Forensic DNA extraction (manual)	Buccal swab	Sample dependent
50601	Mini plant DNA extraction (manual)	Plant leaves (fresh or dried)	Sample dependent
50610	Mini plant DNA extraction (automated)	Plant leaves (fresh or dried)	Sample dependent
50602	Maxi plant DNA extraction (manual)	Plant leaves (fresh or dried)	Sample dependent
50620	Maxi plant DNA extraction (automated)	Plant leaves (fresh or dried)	Sample dependent
50701	Plasmid DNA extraction (automated)	1 ml bacterial culture suspension / pellet	2 - 10 µg
50801	DNA PLUS XL (manual)	4 - 10 ml blood	100 - 500 µg
50901	Manual RNA extraction (tissue)	Stabilised blood and tissue	Sample dependent
50902	Manual RNA extraction (Paxgene)	Paxgene tubes	Sample dependent
Cat. No.	Service		
51103	Quantification of DNA / RNA concentration (UV measurement)		
51104	Concentration normalisation of DNA extracts		
51105	Quality check of RNA with Agilent 2100 Bioanalyzer		
51106	Quantification of DNA concentration (PicoGreen®)		
51107	Gel electrophoresis analysis (0.8 % standard agarose gel)		

Services for starting materials not listed above are available upon request.

DNA yield: Our extraction methods produce purified PCR-ready genomic DNA. The concentration and quantity of DNA is dependent on the amount of DNA present in the received samples.

DNA stability: The genomic DNA is stable for an extended time period when stored at -20°C.



LGC Genomics GmbH • Ostendstrasse 25 • 12459 Berlin • Germany
Tel: +49 (0)30 5304 2250 • Fax: +49 (0)30 5304 2201 • Email: extraction@lgcgenomics.com • www.lgcgenomics.com

LGC Genomics • Queens Road • Teddington • Middlesex TW11 0LY • UK • Tel: +44 (0)20 8943 7000 • www.lgcgenomics.com

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any retrieval system, without the written permission of the copyright holder. © LGC Limited, 2010. All rights reserved. 2390/CB/0310