SureRef Products

Reference genomic DNA for use with 24sure[™] technology.

Description

SureRef Reference DNA is amplified genomic DNA that is recommended for use as part of the 24sure protocols when analyzing amplified DNA from a single cell or a few cells.

Supply

The SureRef Pack contains two tubes, one containing SureRef Reference Male DNA (128 μ I) and the other containing SureRef Reference Female DNA (128 μ I). Each reference DNA type is supplied in a single, 1.5 ml, screw-capped tube, labeled with product name, catalog number, quantity, production lot number, storage conditions, and expiration date. The individual DNAs are also available separately.

SureRef DNA products are shipped on dry ice.

Storage

Upon receipt, SureRef DNA products should be stored at -20°C in a non-frost-free freezer until required.

SureRef DNA products should be used before the expiration date.

Technical Specifications

SureRef DNA products are matched, in terms of quality and size of DNA fragments, to a single cell or a few cells. Extracted DNA should be amplified with the SurePlex[™] DNA Amplification System and used as part of the 24sure laboratory protocols.

SureRef DNA products are intended for use with 24sure technology. When used in accordance with the 24sure Dual Channel protocol, the quantity supplied is sufficient for 16 male reference labeling reactions and 16 female reference labeling reactions (8 µl per labeling reaction).

Quality Control

Each batch of SureRef Reference DNA is tested against amplified male and amplified female DNA of known performance, using the standard CytoChip[™] laboratory protocol. Measures of quality include the spread of data points on the autosomal chromosomes, and the shift from 0 (log₂ scale) of data points on the sex chromosomes. They have to exceed a threshold set from historical data. In addition, a previous good stock of SureRef Reference Male or Female DNA is used in parallel hybridizations and compared with the new lot.

Contents

See Table 1 for a complete list of kit contents and part numbers.

Safety Information

Safety data sheets are available for download from www.cambridgebluegnome.com.

PR-40-4152: SureRef DNA

Additional Documents

Additional documents available for download include:

- Laboratory Reference Manuals: 24sure Dual Channel
- Laboratory Summary Protocols: 24sure Dual Channel

Catalog No.	Description	No. Rxns	Item No.	Description	Size
PR-40-415205-PK	SureRef Pack	16	15043068	SureRef Reference Male DNA*	128 µl
			15043069	SureRef Reference Female DNA*	128 µl
*Also available separately					

Table 1: SureRef Product Contents

Ordering Information

Product	Catalog No.
SureRef Pack (16 reference hybridizations)	PR-40-415205-PK
SureRef Reference Male DNA (128 µl)	PR-40-415203-00
SureRef Reference Female DNA (128 µl)	PR-40-415204-00

Illumina • 1.800.809.4566 toll-free (U.S.) • +1.858.202.4566 tel • techsupport@illumina.com • www.illumina.com

For Research Use Only. Not for use in diagnostic procedures.

© 2015 Illumina, Inc. All rights reserved.

Illumina, CytoChip, SurePlex, 24sure, the pumpkin orange color, and the Genetic Energy streaming bases design are trademarks or registered trademarks of Illumina, Inc. All other brands and names contained herein are the property of their respective owners. Pub. No. 1570-2014-047 Current as of 23 November 2015

