


3730 Running Buffer (10X)

Catalog Numbers 4335613 and 4318976

Pub. No. MAN0007052 Rev. B.0

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product description

3730 Running Buffer (10X) is used during electrophoresis on the 3730/3730xl DNA Analyzer (Cat. No. 3700S or A39079).

Contents and storage

Cat. No.	Amount	Storage
4335613	500 mL	2–8°C for up to one year. ^[1]
4318976	4 L	

^[1] The buffer is qualified for shipment at room temperature.

Expiration date/on-instrument supported limits

The on-instrument life is determined by the limit that is reached first—number of days after first installation, samples run, or expiration date.

Bottle size	Array size	On-instrument supported limits	Guidelines
500-mL or 4-L	36-capillary	{1X running buffer} 48 hours.	Replace the 1X running buffer in the in the anode buffer jar and the buffer reservoir every 48 hours, or before each batch of runs. When you replace the 1X running buffer, do not add fresh buffer to old buffer. Discard old buffer, then add fresh buffer. IMPORTANT! Using old 1X running buffer can lead to loss of resolution and data quality. See “Important notice regarding use of consumables that exceed supported limits”.
	50-capillary		

Prepare the 1X running buffer

1. Pour 20 mL 3730 Running Buffer (10X) into a graduated cylinder.
2. Add 180 mL deionized water to bring the total volume to 200 mL.
3. Mix well, then set aside.

1X running buffer can be stored at room temperature for up to one week, or at 2–8°C for up to 30 days.

Important notice regarding use of consumables that exceed supported limits

Life Technologies does not recommend the use of consumables that exceed supported limits. The recommended limits are designed to promote the production of high quality data and minimize instrument downtime. Reagent and consumable lifetime minimum performance are based on testing and studies that use reagents and consumables that have not exceeded supported limits.

The use of consumables beyond the supported limits may impact data quality or cause damage to the instrument or capillary array. The cost of repairing such damage is NOT covered by any Life Technologies product warranty or service plan. Customer use of expired consumables is at customer's own risk and without recourse to Life Technologies. For example, product warranties do not apply to defects resulting from or repairs required due to misuse, neglect, or accident including, without limitation, operation outside of the environmental or use specifications or not in conformance with Life Technologies instructions for the instrument system, software, or accessories.

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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

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Revision history: Pub. No. MAN0007052

Revision	Date	Description
B.0	12 November 2018	Rebranding and updating to include the 3730xl DNA Analyzer (Cat. No. A39079).
A.0	16 July 2012	New document.

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