

Resource Summary Report

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10 X Sucrose Orange G Loading Dye

DOI:10.17504/protocols.io.kp7cvrn

Type: Protocol

Proper Citation

Gordon Wellman 2018. 10 X Sucrose Orange G Loading Dye. protocols.io
dx.doi.org/10.17504/protocols.io.kp7cvrn

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.kp7cvrn>

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Group: Salt Lab KAUST

Summary: This protocol outlines the preparation of a basic sucrose loading dye 10 X stock solution for gel electrophoresis (DNA/RNA). Orange G runs at approximately 50 bp making this loading dye ideal for small molecular weight polynucleotides. Used mainly as an indicator for approx. 100 bp polynucleotides, where we would like to avoid contamination of small fragments with other loading dyes. It is also useful as an indicator if you have excessive primer-dimer amplification in your PCRs as these usually also run at approx. 50 bp. The origins of this protocol have been lost in the mists of time??and this method been handed down from PhD student to PhD student.

Affiliations: King Abdullah University of Science and Technology (SA)

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