

## FlashGel™ dye and markers

### Product information

FlashGel™ DNA marker 100 bp – 4 kb  
 FlashGel™ DNA marker 100 bp – 3 kb  
 FlashGel™ DNA marker 50 bp – 1.5 kb  
 FlashGel™ quantladder 100 bp – 1.5 kb  
 FlashGel™ RNA marker 0.5 kb – 9 kb  
 FlashGel™ loading dye

### Introduction

FlashGel™ markers, quantladder and loading dye were designed to optimize performance of the FlashGel™ system.

**FlashGel™ DNA markers and FlashGel™ quantladder Storage: +4°C for up to 18 months from the date of manufacture**

FlashGel™ DNA markers provide accurate size estimation of DNA fragments. The FlashGel™ quantladder enables both size and quantity estimation. FlashGel™ DNA markers and the FlashGel™ quantladder are provided ready-to-load. **(Do not exceed 5 µl per well load volume on FlashGel™ cassettes.)**

Cat. No.	Product	Contents:
50473	FlashGel™ DNA marker 100 bp – 4 kb	500 µl Ready-to-load. Sizes: 100/200/300/500/800/ 1250/2000/4000 bp 100 apps Recommended for 1.2% FlashGel™ DNA cassettes
57033	FlashGel™ DNA marker 50 bp – 1.5 kb	500 µl Ready-to-load. Sizes: 50/100/150/200/300/ 500/800/1500 bp 100 apps Recommended for 2.2% FlashGel™ DNA cassettes
57034	FlashGel™ DNA marker 100 bp – 3 kb	500 µl Ready-to-load. Sizes: 100/300/500/800/1500/3000 bp 100 apps Recommended for double-tier FlashGel™ DNA cassettes
50475	FlashGel™ quantladder 100 bp – 1.5 kb	250 µl Ready-to-load. Sizes (DNA Amount): 100 bp (3ng)/ 250 bp (7.5 ng)/ 400 bp (15 ng)/ 800 bp (21 ng)/ 1500 bp (30 ng) 50 apps

### FlashGel™ RNA marker

**Storage: -80° C for up to 24 months from the date of manufacture**

The FlashGel™ RNA marker consists of RNA transcripts 0.5 kb – 9 kb. Denature FlashGel™ RNA markers with Formaldehyde sample Buffer (Lonza Cat. No. 50571) for 5 minutes at 65°C. Do not exceed 5 µl per well on FlashGel™ cassettes.

Cat. No.	Product	Contents:
50577	FlashGel™ RNA marker	50 µl Sizes: 0.5/1.0/1.5/3.0/5.0/9.0 kb

## FlashGel™ loading dye

**Storage: room temperature for up to 12 months from the date of manufacture**

FlashGel™ loading dye is sample buffer optimized for DNA and native RNA samples run on the FlashGel™ system. FlashGel™ loading dye is provided in a 5X concentration.

For best results, dilute DNA sample into 1X loading dye such that a 5 µl load contains 5 – 20 ng DNA per band.

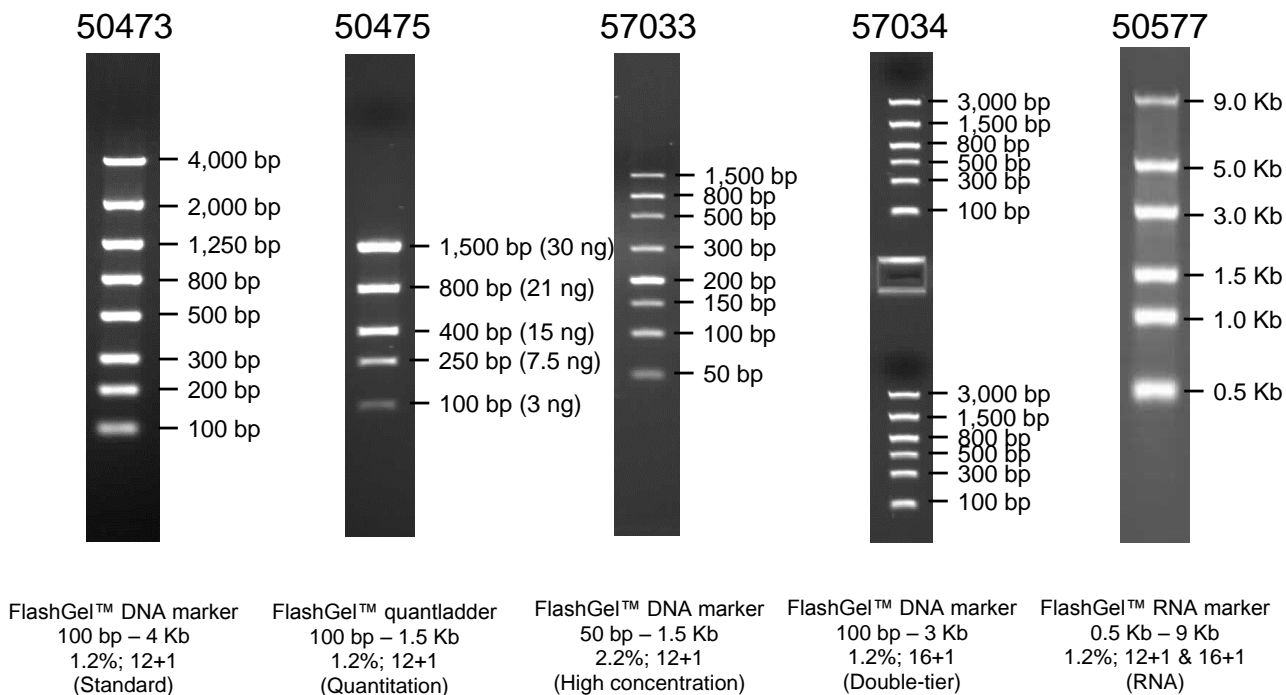
For native RNA, combine RNA sample with FlashGel™ loading dye up to a 5 µl per well volume.

**Do not exceed final load volume of 5 µl per well on FlashGel™ cassettes.**

Cat. No.	Product	Contents:
50462	FlashGel™ loading dye	5 x 1 ml vials, part 50463 5X concentration

## Safety information

For details regarding product safety, see material safety data sheet (MSDS); call Lonza scientific support +1 (800) 521-0390.



**For Research Use Only.  
Not for use in Diagnostic Procedures.**

FlashGel™ markers and FlashGel™ quantladders are manufactured for Lonza.

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