

fastGEN kit mixing instructions

Steps

- 1** Check the kits to be mixed. The CT columns will turn yellow (used) or gray (unused), depending on the checked kits.
- 2** Enter the required minimum pool volume (the total sum of the volumes of all samples will never fall below this number but may be larger, depending on the CT value of the sample).
- 3** Enter the total number of samples. The number cannot exceed the number of rows in the table. If the number is lower than the number of rows in the table, the unused rows are grayed out.
- 4** Optional Step Enter CT values for each sample in the columns of the corresponding kit. The resulting volume is adjusted according to the CT value - at higher CT values, the volume increases.
- 5** Pipette the volumes displayed in the blue columns.

The table calculates the volumes of the individual fastGEN kits to be mixed.

Notes

A red text may appear in an empty cell below the number of samples to serve as a warning to the user:

Some of the volumes are larger than the maximum possible volume per sample.

In this case, one of the volumes is too large and there is a risk that there will not be enough volume in one reaction to mix. It is therefore critical to enter a smaller minimum pool volume.

Some of the volumes are lower than the recommended minimum.

The volume that is lower than the recommended minimum is harder to pipette. These are only recommendations and it is therefore not critical to correct these values.