

GTM5 v2 Matrix Standard was developed for use with GT 5-dye systems and can be used with Applied Biosystems® 3130/xl and 3500xL Genetic Analyzer with Data Collection Software v3.0 (Life Technologies). The GTM5 v2 Matrix Standard consists of five DNA fragments labeled with five different fluorescent dyes (6-FAM, GT2907, GT1803, GT2712 and GT500).

Once the spectral calibration is done using GTM5 v2 Matrix Standard, the file is applied during sample detection to calculate the spectral overlap and thus create individual color signal.

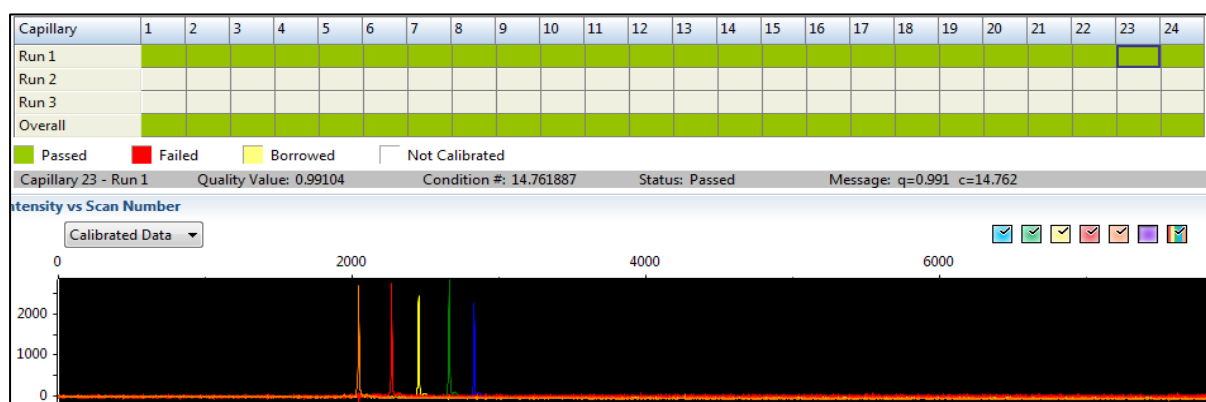


Figure 1 Example picture of successful spectral calibration with GTM5 v2 analyzed with Applied Biosystems® 3500xL Genetic Analyzer.

Table 1: Product information

Cat. #	Description	Quantity	Storage conditions
GT-41103-48	Matrix Standard GTM5 v2	48 runs or 2X 24 or 6X 8 capillaries calibrations	Store at 2-8° C in post-PCR lab, protect from light. <u>No need to freeze.</u>

Notes for use:

- Follow the protocol as described in user instruction manual and according to specific application.

For more information on spectral calibration, please read *GTM5 v2 Product instruction manual*, or contact us: support@genetek.de.

Attention:

- Read the Safety Data Sheets (SDSs) and follow the handling instruction. Wear appropriate protective lab wears. Discard any reagent mixed and/or diluted with Hi-Di™ Formamide once used.