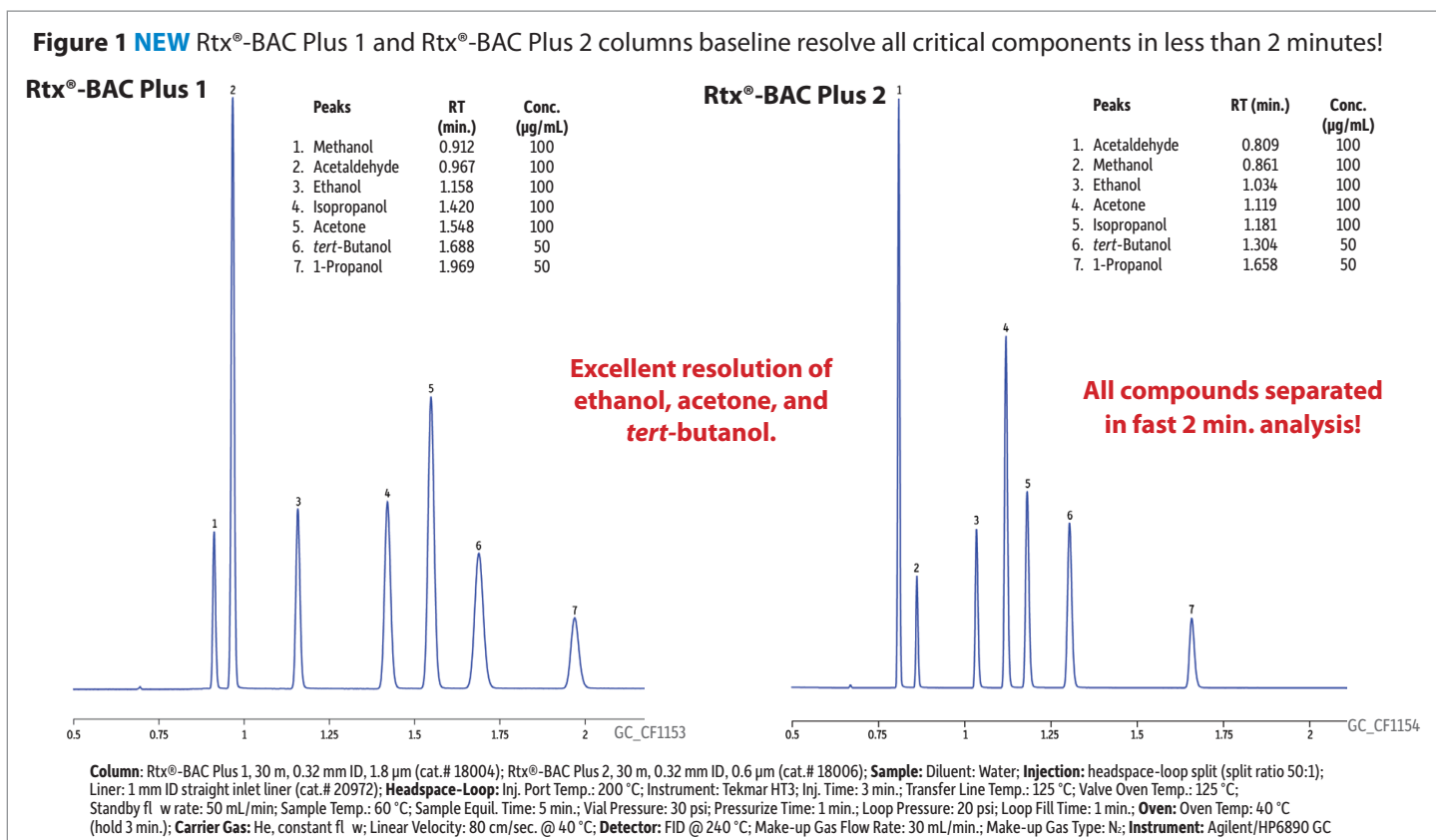


# NEW Rtx<sup>®</sup>-BAC Plus 1 and Rtx<sup>®</sup>-BAC Plus 2 Columns

## Fast, Definitive Data for Blood Alcohol Testing

- Optimized column selectivities guarantee resolution of ethanol, internal standards, and frequently encountered interferences.
- Robust and reproducible column chemistry ensures longer column lifetime and accurate, consistent results.
- 2 minute analysis time increases lab productivity.

New Rtx<sup>®</sup>-BAC Plus 1 and Rtx<sup>®</sup>-BAC Plus 2 columns from Restek are designed to provide definitive results quickly, so you can maximize sample throughput. These columns baseline separate all critical compounds, including ethanol, methanol, acetone, *tert*-butanol (IS), acetaldehyde, isopropanol, and 1-propanol (IS), in less than 2 minutes (Figure 1). In fact, every Rtx<sup>®</sup>-BAC Plus 1 and Plus 2 column is quality tested with these important target compounds to ensure performance. These new columns are exceptionally robust, ensuring longer column lifetime and highly reproducible data. For fast, consistent results, try Rtx<sup>®</sup>-BAC Plus 1 and Rtx<sup>®</sup>-BAC Plus 2 columns for analysis of blood alcohol compounds.



# NEW Columns and Standards for Blood Alcohol Testing

## Rtx®-BAC Plus 1/Rtx®-BAC Plus 2 Columns

- Optimized column selectivities guarantee resolution of ethanol, internal standards, and frequently encountered interferences.
- Robust and reproducible column chemistry ensures longer column lifetime and consistent results.

### Rtx®-BAC Plus 1 Columns (fused silica)

ID	df	temp. limits	30-Meter
0.32mm	1.80µm	-20 to 240/260°C	18004
0.53mm	3.00µm	-20 to 240/260°C	18005

### Rtx®-BAC Plus 2 Columns (fused silica)

ID	df	temp. limits	30-Meter
0.32mm	0.6µm	-20 to 240/260°C	18006
0.53mm	1.0µm	-20 to 240/260°C	18007



Visit [www.restek.com/cft](http://www.restek.com/cft) for the latest products and resources for clinical, toxicology, and forensic laboratories.

## Blood Alcohol Resolution Control Standards

- Use to verify the retention time for each compound normally included in a blood alcohol test, and to verify that the compounds are resolved from and do not interfere with one another.
- Includes 1-propanol or *tert*-butanol internal standard.
- Intended for qualitative use only.

### BAC Resolution Control Standard n-P (6 components)

acetaldehyde	methanol
acetone	1-propanol
ethanol (BAC)	2-propanol (isopropanol)

100mg/dL each in water, 1mL/ampul

cat.# 36010 (ea.)

No data pack available.

### BAC Resolution Control Standard t-B (6 components)

acetaldehyde	ethanol (BAC)
acetone	methanol
<i>tert</i> -butanol (TBA)	2-propanol (isopropanol)

100mg/dL each in water, 1mL/ampul

cat.# 36011 (ea.)

No data pack available.

## Blood Alcohol Standards (Calibration)

- NIST-traceable ethanol calibration standards.
- Calibration mixtures ranging from 0.010g/dL to 0.40g/dL in water.
- Datapack and Certificate of Analysis for each standard available on our website.

Compound		qty.	cat.#
0.010g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36276
0.015g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36232
0.02g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36233
0.025g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36234
0.04g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36235
0.05g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36257
0.08g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36262
0.1g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36236
0.15g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36237
0.16g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36417
0.2g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36238
0.3g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36239
0.4g/dL forensic ethanol solution	1 mL/ampul	5-pk.	36266

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