



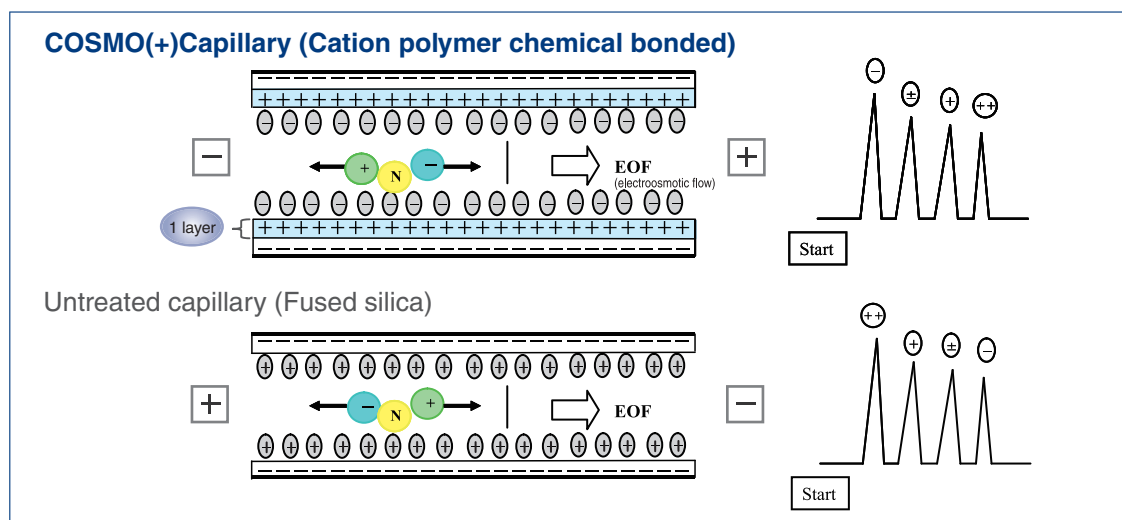
COSMOSIL

Column for Capillary Electrophoresis COSMO(+)**Capillary**

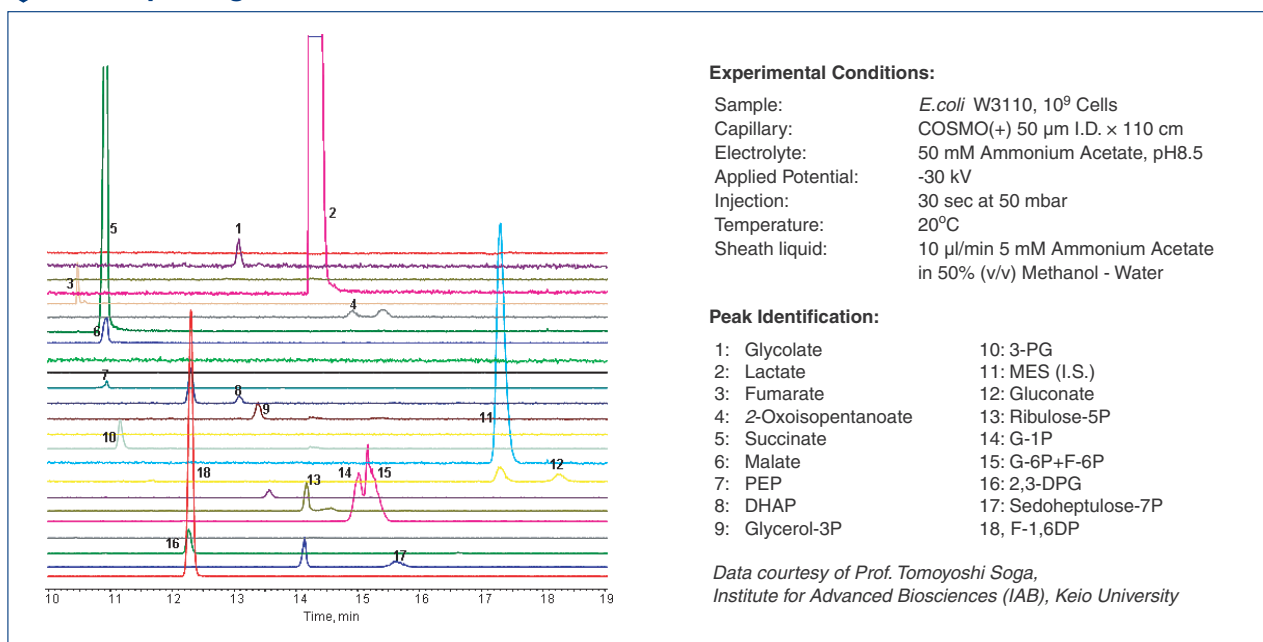
COSMO(+)**Capillary** is cationic polymer coated capillary column. Electroosmotic flow (EOF) is from the cathode (-) to the direction of the anode (+) because of the cationic polymer coating inside of the capillary column.

- **Opposite EOF direction to non-coated capillary**
- **High reproducibility**
- **Applicable over wide pH range (pH 2-10)**

Comparison of COSMO(+)**Capillary** and Non-coated Capillary

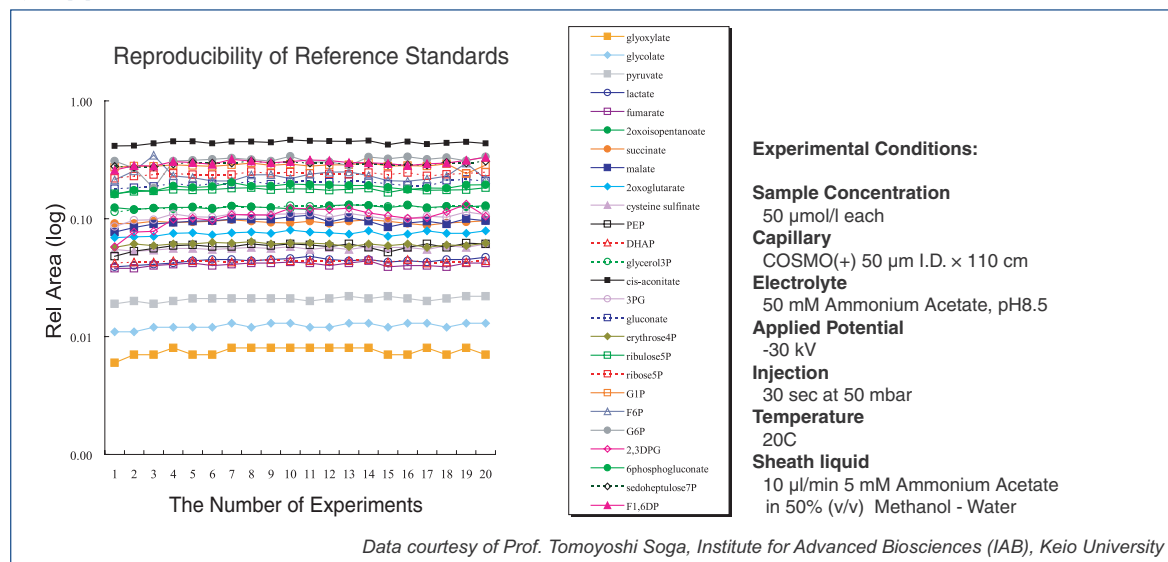


Electropherograms for *E.coli* Metabolic Extraction

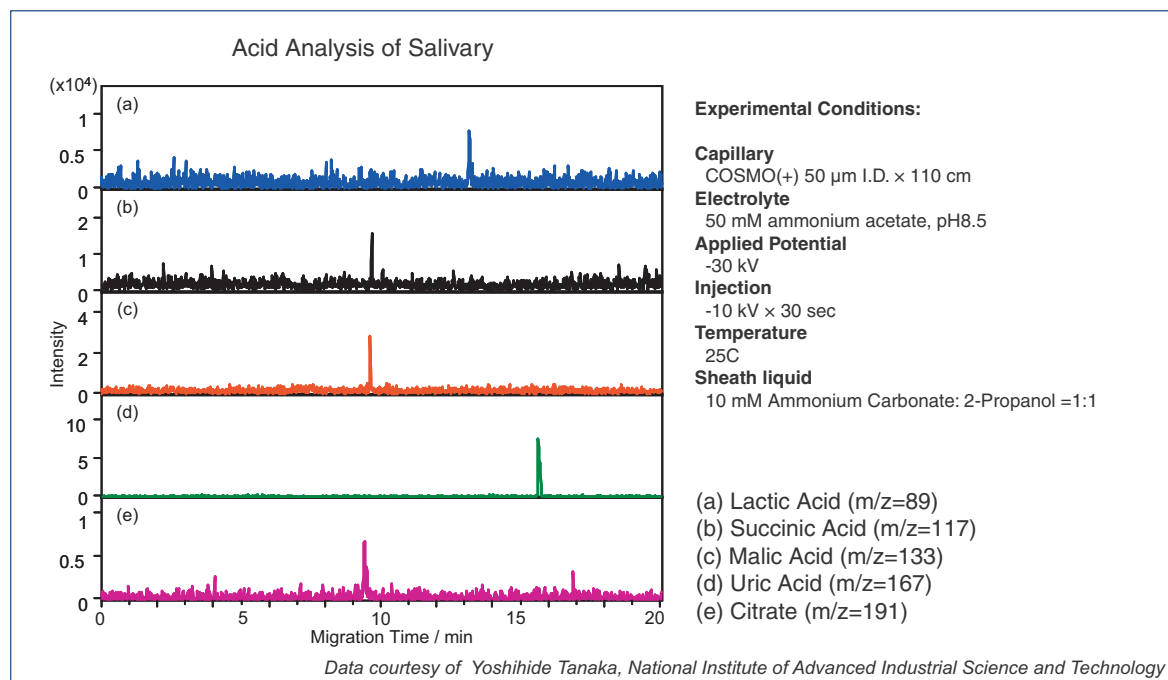


The figure shows the analysis data of various kinds of metabolites. COSMO(+)**Capillary** can analyze them within 20 minutes by electroosmotic flow (EOF) reversal and a sheath liquid consisting of 50 mM ammonium acetate, pH8.5.

Application Data



The figure shows high reproducibility when COSMO(+)Capillary is used repetitively (26 reference standards).



The COSMO(+)Capillary enables separation of Succinic Acid which fused silica can not separate. Furthermore it has shorter analysis time for other acids than fused silica.

Ordering Information

Product Name	Product Number	PKG Size
COSMO(+)Capillary (50 µm I.D. x 120 cm)	07584-44	2 PKG

For research use only, not intended for diagnostic or drug use.