

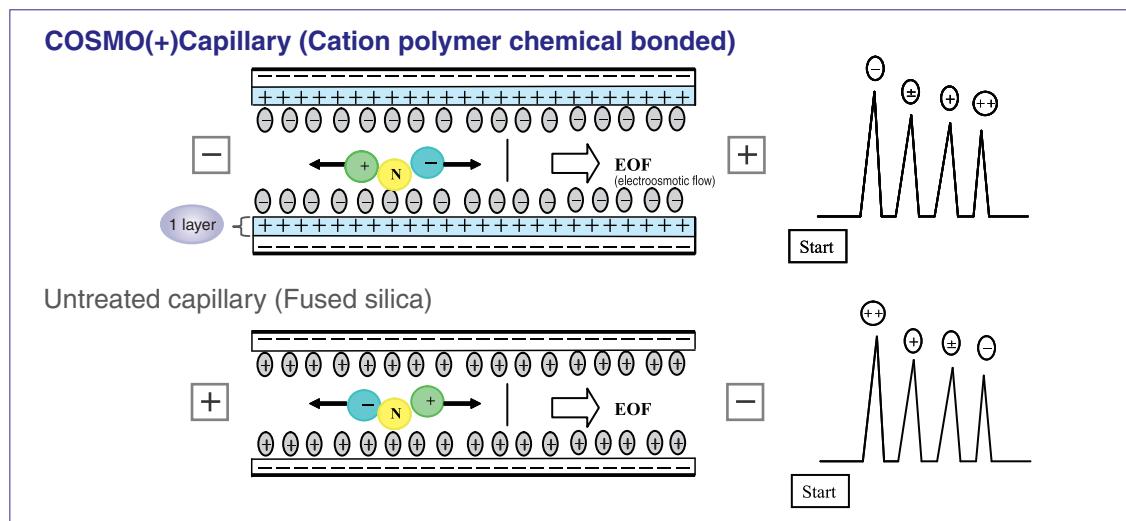


# Column for Capillary Electrophoresis COSMO(+)Capillary

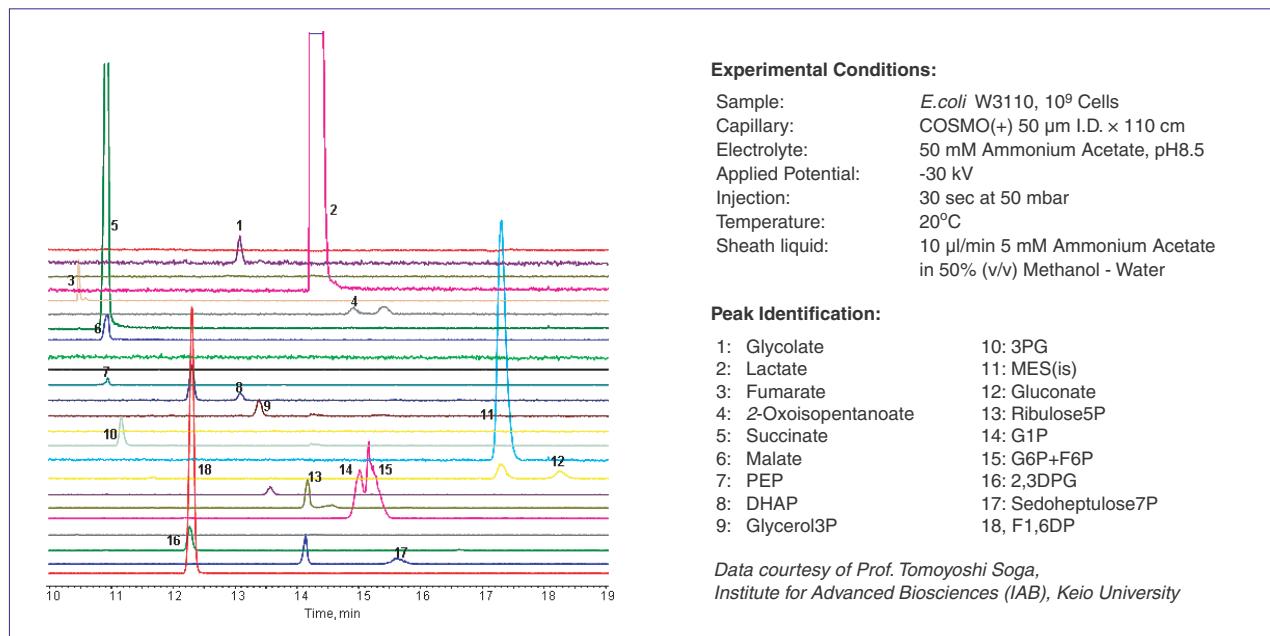
COSMO(+)Capillary is cationic polymer coated capillary column, for electroosmotic flow (EOF) is from the cathode (-) to the direction of the anode (+) because of the cationic polymer coating inside of the capillary column.

- Opposit EOF direction to non-coated capillary
- High reproducibility
- Applicable wide pH range (pH2-10)

## ◆ Comparison of COSMO(+)Capillary and Non-coated Capillary

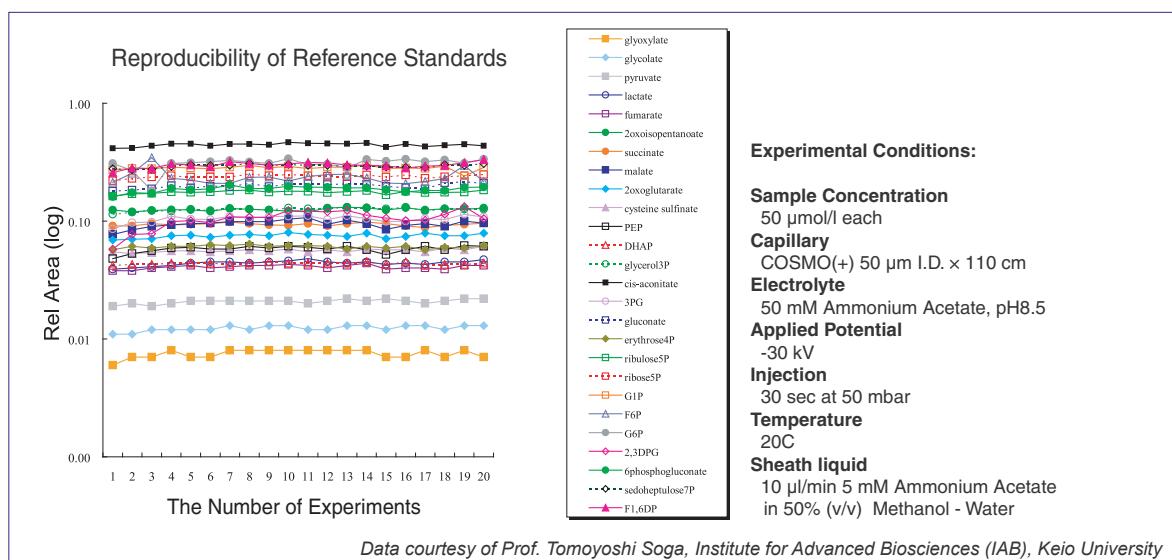


## ◆ Electropherograms for *E.coli* Metabolic Extraction

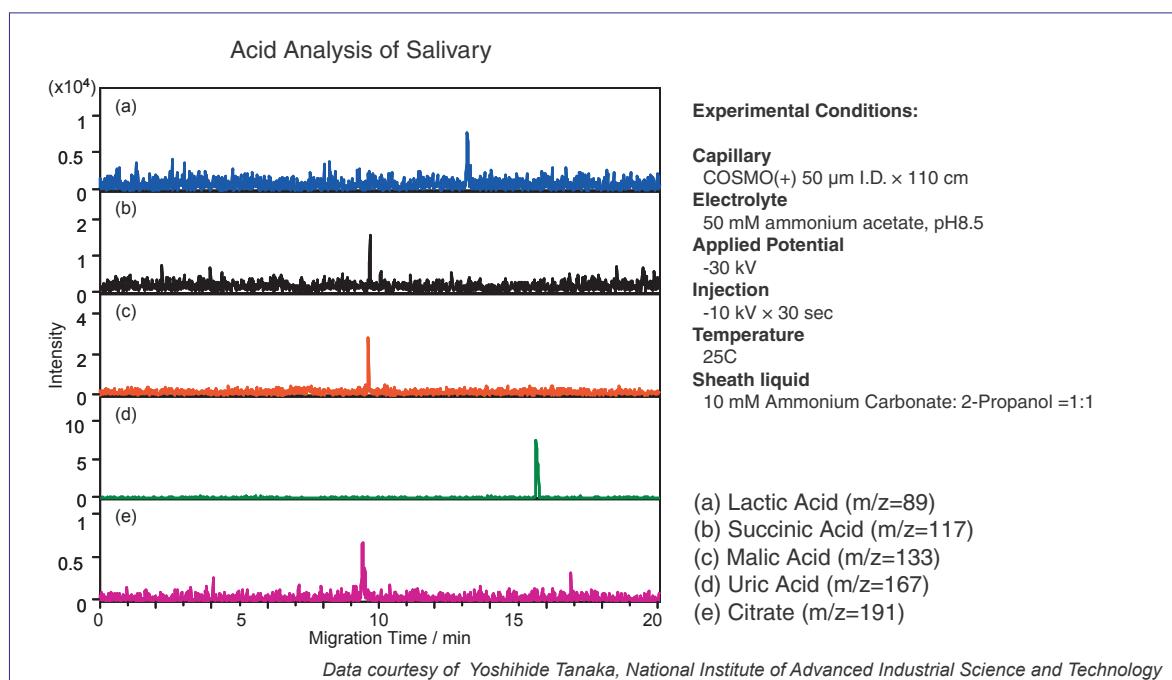


The figure shows the analysis data of various kinds of metabolites. COSMO(+)Capillary can analyze them within 20 minutes by electroosmotic flow (EOF) reversal and a sheath liquid consisting of 50 mM ammonium acetate, pH8.5.

## 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 $\mu\text{m}$ I.D. x 120 cm)	07584-44	2 PKG

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



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