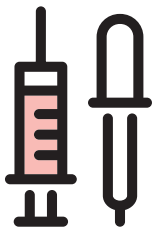**Evaluating Health and Nutritional Status**
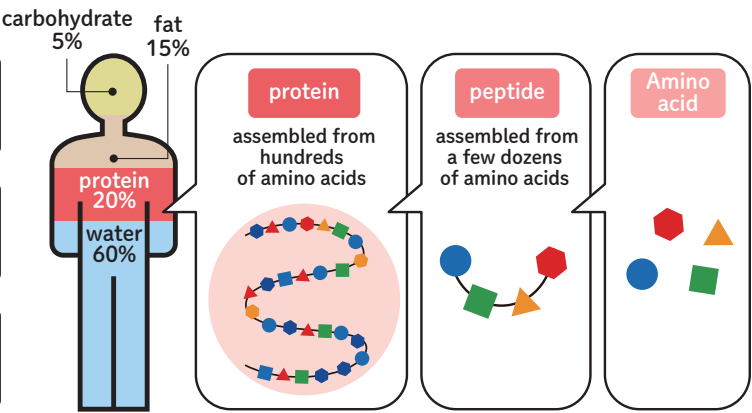
AminoIndex®

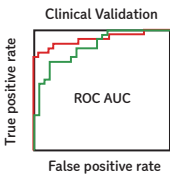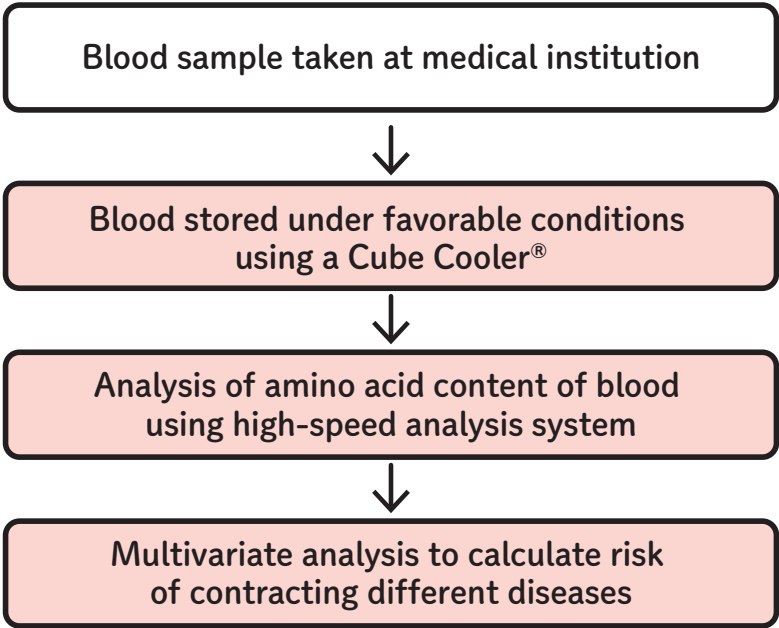## ~Risk assessment of various diseases~

Benefits

Nutritional status and the possibility of different diseases can be determined from the balance of amino acid concentrations in the blood.

↓

Risk of contracting cancer can be shown

Amino acids that are deficient can be shown

Risk of contracting diabetes can be shown

carbohydrate 5%
fat 15%
protein 20%
water 60%

protein
assembled from hundreds of amino acids

peptide
assembled from a few dozens of amino acids

Amino acid

Our Technology

Blood sample taken at medical institution

↓

Blood stored under favorable conditions using a Cube Cooler®

↓

Analysis of amino acid content of blood using high-speed analysis system

↓

Multivariate analysis to calculate risk of contracting different diseases

Clinical Validation

True positive rate

ROC AUC

False positive rate

$$log\left(\frac{P}{1-p}\right) = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \cdots + \beta_r x_r$$