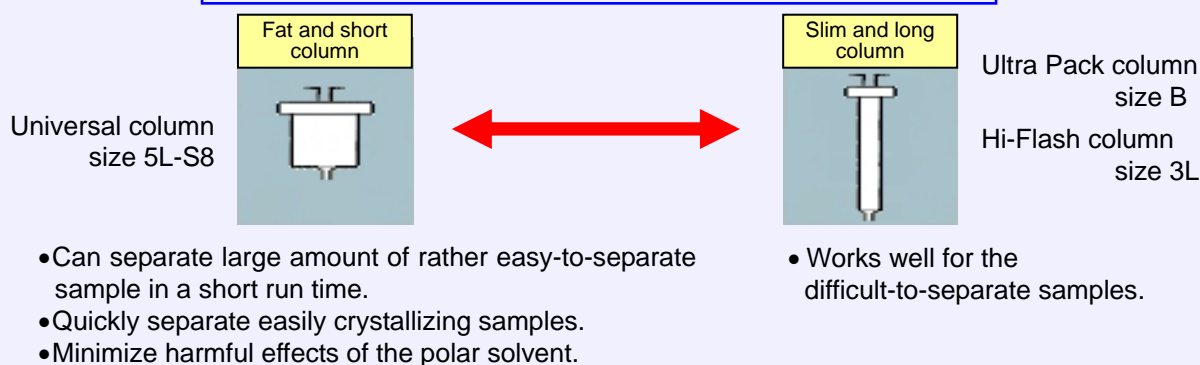


Amount of Column Packing Material \neq Column Performance

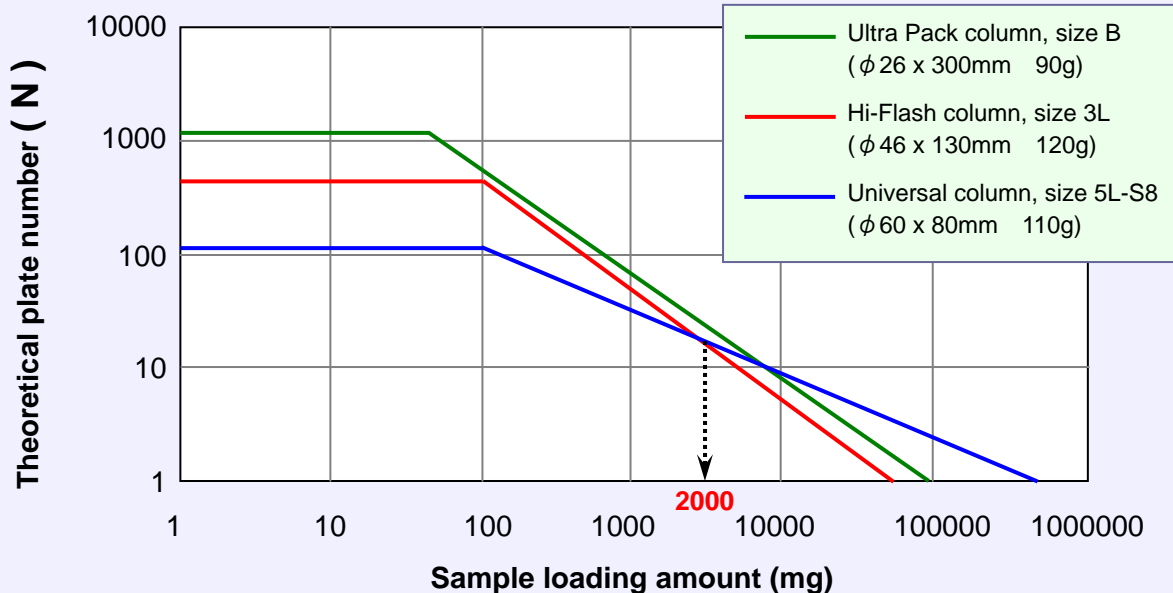
Column performance is not always decided by the amount of packing material only.

Fat and short columns are good to use for the easy-to-separate samples. And slim and long columns for the difficult-to-separate samples.

Shape of the Column and Performance Characteristics



Theoretical Plate Number vs. Sample Loading Amount for the columns varying in form yet having nearly same amount of packed material



Judging from the above figure, it is recommended to use Ultra Pack column B or Hi-Flash column 3L for the sample size of up to 2000mg of the difficult-to-separate samples and Universal column 5L-S8 for a large amount of easy-to-separate sample exceeding 2000mg.