



## Can the HSQ Kit be used to qualify quaternary HPLC pumps - FAQ

**Yes.**

The HSQ Kit™ will work on many types of pumps; from single, binary, and also quaternary pumps. For gradient qualification tests, the base method is called “GRDAB” for “gradient, pump A/B\*”, where the “\*” designates that the B fluid circuit is “visualized” with the addition of the gradient visualization solution (GVS).

For ternary or higher gradient systems to be qualified, the same gradient method is reproduced, except that this one would test the C/B\* solenoid combination, and is called “GRDCB”, while a quaternary system would require a third method called “GRDDB”.

For more information, please read more [here](#).

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