



## Serum / Plasma Fatty Acid and Glycerol Detection Kits

The level of non-esterified fatty acids (NEFA) and glycerol in serum or plasma is indicative of endogenous or induced adipocyte lipolysis. Fatty acids and glycerol are released by adipocytes in response to lipolytic hormones and enter the bloodstream for utilization by other tissues. However, an excess of circulating fatty acid over energy needs may contribute to hyperlipidemia, which is a risk factor for cardiovascular disease.

Zen-Bio offers kits to analyze the levels of NEFA, glycerol, or both in human and animal serum or plasma. The kits are designed for use in a 96-well format and 1 to 10<sup>1</sup>/<sub>4</sub>l of sample. Through a two step addition process, the level of NEFA can be quantified relative to a standard curve. Glycerol detection is monitored through a one step addition and colorimetric assessment.

### Ordering Information

Item	Unit	Catalog #
Serum/Plasma Fatty Acid Detection Kit 1 plate	kit	SFA-1
Serum/ Plasma Fatty Acid Detection Kit 5 plate	Kit	SFA-5
Serum/ Plasma Fatty Acid Detection Kit 10 plate	kit	SFA-10
Serum/ Plasma Glycerol and Fatty Acid Detection Kit	kit	GFA-1
Serum/ Plasma Glycerol Detection Kit	kit	SGA-1

**To order contact:**

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