HEMOLYSIS DETECTOR

ABSTRACT

An apparatus and method are disclosed for continuous, on-line monitoring of extracorporeal blood in a blood path. A shell has a blood inlet port, a blood outlet port and two compartments: a blood compartment and a plasma compartment separated by a semi-permeable membrane that allows plasma to pass, but not red blood cells. Blood flows through the blood compartment and transmembrane pressure is applied between the blood and the plasma compartments causing the plasma inside the plasma compartment to be replaced by fresh plasma that is flowing through the blood compartment. Any color change of the plasma in the plasma compartment can be detected.

(FIGURE 1)

This Sheet Has Been Replaced

