ABSTRACT

MULTI-WELL FILTER PLATE WITH SHIFTED WELLS AND U-BOTTOM RECEIVER PLATE

Multiwell filter comprising a filter plate having a plurality of wells, each including a support. Each well has a corresponding adjacent access port providing access to the corresponding feeding/receiver plate well, e.g. via a pipette. When the filter plate is positioned over a feeding/receiver plate having a plurality of wells, each well of the feeding/receiving plate aligns with and communicates with a corresponding filter plate well. Each access port provides access to a respective well in the feeding/receiver plate, and the wells in the filter plate are not centrally located with respect to the feeding/receiver plate wells, but are shifted in the x and y directions relative to the receiver wells in an amount effective for reducing or eliminating capillary holdup in the gap between the filter wells and the feeding/receiver wells. The wells in the feeding/receiver plate preferably are formed in a U-shaped bottom below each access port.

Selected Drawing: Fig. 1