What is claimed is:

1. A drip chamber, comprising:

a housing defining fluid chamber;

a top cap coupled to the housing;

a bottom cap coupled to the housing at an opposite end of the housing from the top cap;

an inlet port coupled to the top cap and in fluid communication with the fluid chamber;

an outlet port coupled to the bottom cap and in fluid communication with the fluid chamber;

a drip orifice coupled to the top cap and fluidly coupled to the inlet port;

a downstream tube coupled to the bottom cap and in fluid communication with the fluid chamber of the housing; and

a sleeve disposed adjacent to a section of the downstream tube including a plurality of parallel wires disposed within the sleeve, wherein:

the sleeve is configured to impede fluid flow in response to a plunger, and

the sleeve is configured to linearly impeded fluid flow in response to an actuation by the plunger.

2. The drip chamber according to claim 1, wherein the sleeve is disposed on an outer periphery of the downstream tube.

3. The drip chamber according to claim 1, wherein the sleeve is disposed on an inner periphery of the downstream tube.

4. The drip chamber according to claim 1, wherein the plurality of wires are parallel to the downstream tube.

5. The drip chamber according to claim 1, wherein the plurality of wires are metallic.

6. The drip chamber according to claim 1, wherein the plurality of wires are non-metallic.

7. The drip chamber according to claim 1, wherein the plurality of wires are embedded within the sleeve.