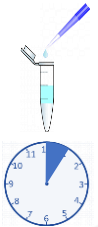



The ExoGAG purification kit is suitable for the isolation of extracellular vesicles (EVs), including exosomes, from a wide range of biofluids. ExoGAG action is based on the formation of a complex between the precipitation reagent and the Glycosaminoglycans (GAGs) coating the EVs. After a brief incubation, the ExoGAG-EVs complex could be isolated by a short centrifugation.


**1** Remove cells and cellular debris. Mix the sample and ExoGAG reagent, and incubate for 5 minutes at 4°C.



**2** Centrifuge at 4°C for 15 minutes at 3.000g.



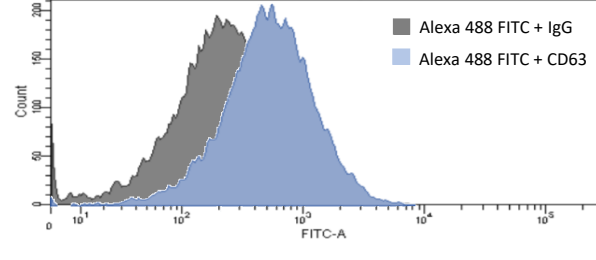
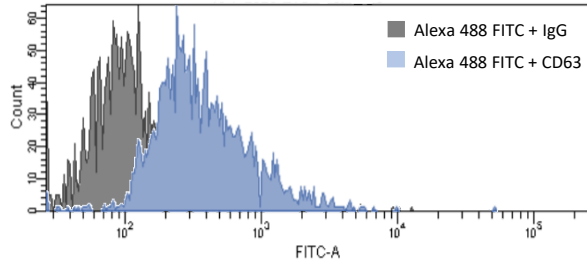
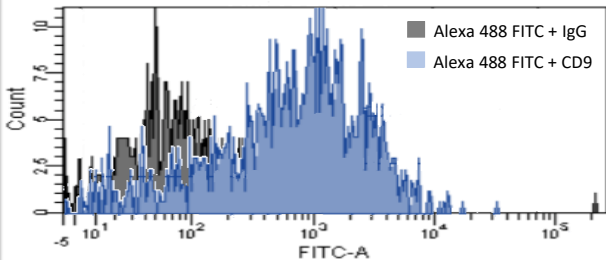
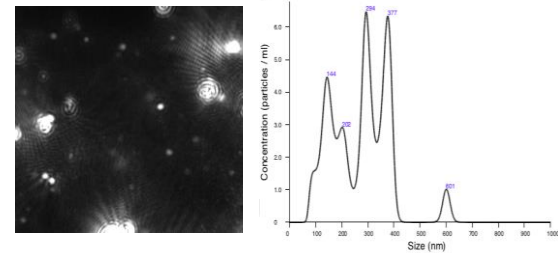
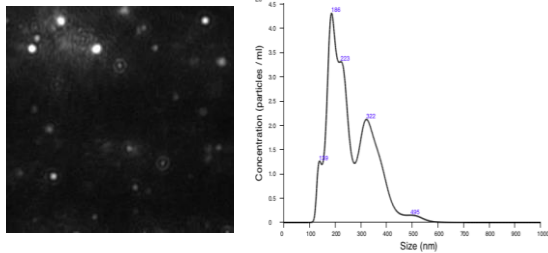
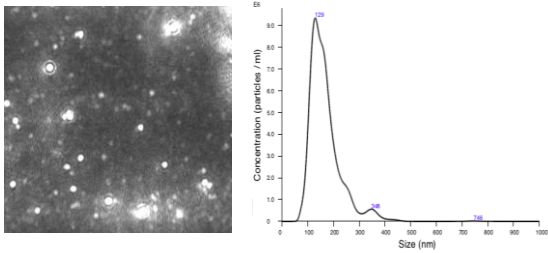
**3** Resuspend the pellet in the appropriate buffer, depending on the subsequent application.



### Plasma Sample

### Serum Sample

### Urine Sample



Nanoparticle tracking analysis (NTA) of EVs isolated with ExoGAG from 50µl (plasma and serum) or 3ml (urine) of sample (upper panels) and Flow Cytometry analysis of exosome-specific markers (CD9 and CD63) in EVs isolated with ExoGAG from 100µl (plasma and serum) or 3ml (urine) of sample (lower panels).

**ExoGAG is a simple and fast method to isolate EVs from a small sample volume using a conventional centrifuge**

