

# Biological Use Cases

## Exosomes

Entity	Entity Fields	Batch Fields		Entity Identity	ELN	Source Details
	Synonyms	Name	Isolation Method			
SJS-0000190 Samantha Jeschonek Demo Vault	human plasma derived exosome	001	ExoQuick	Exosome	<a href="https://app.collaborativedrug.com/vaults/4945/el/entries/3424">https://app.collaborativedrug.com/vaults/4945/el/entries/3424</a>	Human plasma
SJS-0000189 Samantha Jeschonek Demo Vault			Kit (Invitrogen #4478359)	Exosome	<a href="https://app.collaborativedrug.com/vaults/4945/el/entries/3421">https://app.collaborativedrug.com/vaults/4945/el/entries/3421</a>	B-cell lymphoma cell media (Ros50)

Exosome Validation			Exosome Accumulation	
Particle Analysis	TEM	Immunoblot	Exosome Delivery Method	Histology (3h)
			Oral Gavage	
			Intravenous Injection	

Exosome descriptors in Batch fields

Unique name for duplicate checking

Link to experiment details

Use Protocols for results data

Upload images from third party software

Upload images from phone or desktop

# Experiment details

ELN

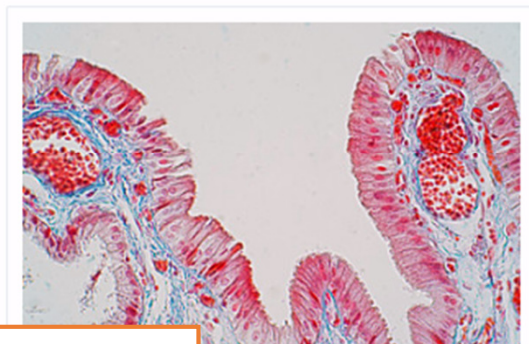
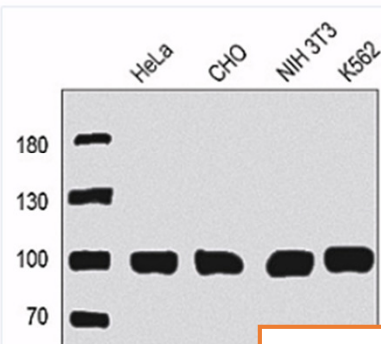
[Exosome Accumulation - 2018-11-12](#)

## Assay Annotation

This is an assay investigating the biological process of **exosomal secretion**, specifically targeting **exosomes** from **Mus musculus**.

ditional in a **tissue-based format**, using a **dye binding method**. The cell line **B-cell lymphoma cell** was used. It was con...  
e detection method of **brightfield microscopy**.

<b>Bioassay Type</b> - functional	<b>Target</b> - exosomes	<b>Biological Process</b> - exosomal secretion
<b>Organism</b> - Mus musculus		
<b>Method</b>		
<b>Assay Cell Line</b> - B-cell lymphoma cell	<b>Assay Design Method</b> - dye binding method	<b>Physical Format</b> - brightfield microscopy
<b>Assay Format</b> - tissue-based format	<b>Assay Footprint</b> - microscope slide	



2019.01\_LabMeeting\_Summary.pptx    Quantitation.xlsx

Link to:

- Registered entity record
- Related experiments
- Results
- Web pages

Autogenerated text based on selections

Summary table of assay

## Assay Annotation

Organism:

Target (click to see proposals)

**Proposals**

- Camp-dependent protein kinase catalytic subunit beta
- 1-phosphatidylinositol 3-phosphate 5-kinase
- 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid receptor

Select from curated ontologies or enter free text