

EV-track New Data

1. General information

1. Please provide the email address that you used to log in to the EV-TRACK website.

yiaohuang141@gmail.com

2. Is this a pre-publication submission?

Yes

3. Please provide the first name and surname of the first author:

Huang, Yiyao

4. EV-specific study aim (indicate multiple if appropriate)

Biomarker

Identification of content (omics approaches)

5. Species of origin of the EVs

Homo sapiens

2. Sample characteristics

6. Sample type

(Homo sapiens)

Other sample type1: Brain tissue

22. Sample origin

10. Origin of the sample(s):

(Homo sapiens > Brain tissue)

Control condition

Other condition 1: Alzheimer disease

Other condition 2: APOE genotype

33. Separation protocol overview

11. Please indicate the number of different separation protocols used for:

(Homo sapiens > Brain tissue > Control condition)

1

12. Please indicate the number of different separation protocols used for:

(Homo sapiens > Brain tissue > Alzheimer disease)

1

13. Please indicate the number of different separation protocols used for:

(Homo sapiens > Brain tissue > APOE genotype)

1

14. Did you have separation steps that were consistent between all above mentioned samples/protocols?

Yes

34. Identical separation steps

15. Specify which separation steps were consistent between samples:

(Differential) (ultra)centrifugation
Filtration
Ultrafiltration
Commercial method

16. Indicate all centrifugation steps

Below or equal to 800 g
Between 800 g and 10,000 g
Equal to or above 10,000 g and below 50,000 g
Equal to or above 100,000 g and below 150,000 g

17. Was the final centrifugation step aimed at obtaining an EV pellet?

Yes

18. Duration (Minutes)

70

19. Rotor type

TH-641

20. Exact speed (g)

110000

21. Was a wash step performed?

No

22. Filtration

0.2 or 0.22 μm

23. Specify the filter cutoff size (kDa)

100

24. Indicate the membrane type

Polyethersulfone (PES)

25. Specify the commercial method that was used:

qEV

35. Grouping of samples

26. Please group your different sample types by different groups of separation protocol.

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10
Homo sapiens > Brain tissue > Control condition	X									
Homo sapiens > Brain tissue > Alzheimer disease	X									
Homo sapiens > Brain tissue > APOE genotype	X									

36. Separation protocol

**27. Indicate all methods that were used in the separation protocol for the following sample:
Homo sapiens > Brain tissue > Control condition**

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

(Differential) (ultra)centrifugation

Filtration

Ultrafiltration

Commercial method

28. Indicate all centrifugation steps

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Below or equal to 800 g

Between 800 g and 10,000 g

Equal to or above 10,000 g and below 50,000 g

Equal to or above 100,000 g and below 150,000 g

29. Was the final centrifugation step aimed at obtaining an EV pellet?

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Yes

30. Duration (Minutes)

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

70

31. Rotor type

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

TH-641

32. Exact speed (g)

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

110000

33. Was a wash step performed?

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

No

34. Filtration

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

0.2 or 0.22 μm

35. Specify the filter cutoff size (kDa)

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

100

36. Please indicate the membrane type

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Polyethersulfone (PES)

37. Specify the commercial method that was used:

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

qEV

38. Were multiple subtypes of EV separately isolated when applying this protocol on the specified sample?

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Yes

39. How were these subtypes separated from each other? Based on:

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Other: Separation method

40. Specify the defining characteristic of the subtype you wish to proceed with for filling in the rest of the form:

Homo sapiens > Brain tissue > Control condition

Homo sapiens > Brain tissue > Alzheimer disease

Homo sapiens > Brain tissue > APOE genotype

Subtype: 10K

Subtype: EVs

46. Protein concentration and yield

41. How was EV protein concentration determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

BCA

42. Was the EV protein yield determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: per 100 mg of tissue

43. Specify the yield (μg)

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

18

44. How was EV protein concentration determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

BCA

45. Was the EV protein yield determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: per 100 mg of tissue

46. Specify the yield (μg)

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

2.9

47. How was EV protein concentration determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

BCA

48. Was the EV protein yield determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: per 100 mg brain tissue

49. Specify the yield (μg)

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

50. How was EV protein concentration determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

BCA

51. Was the EV protein yield determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: per 100 mg of tissue

52. Specify the yield (µg)

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

30

53. How was EV protein concentration determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

BCA

54. Was the EV protein yield determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: per 100 mg of tissue

55. How was EV protein concentration determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

BCA

56. Was the EV protein yield determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: per 100 mg of tissue

57. Specify the yield (µg)

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

29

47. Protein characterization overview

58. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol:

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

59. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol:

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

60. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

61. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

62. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

63. Protein analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Protein analysis for the described sample type/isolation protocol combination was already included in a previous publication by the same group: PMID =: 32944174
Proteomics

53. Proteomics

64. Data submitted to a publicly available database (e.g. ExoCarta, Vesiclepedia)?

No

58. RNA/lipid analysis

65. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes

66. Type of RNA analysis

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

RNA sequencing

67. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

68. Proteinase treatment

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

69. RNase treatment

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

70. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

71. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

Yes

72. Type of RNA analysis

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

RNAsequencing

73. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

74. Proteinase treatment

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

75. RNase treatment

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

76. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

77. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

Yes

78. Type of RNA analysis

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

RNAsequencing

79. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

80. Proteinase treatment

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

No

81. RNase treatment

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

No

82. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

No

83. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes

84. Type of RNA analysis

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

RNAsequencing

85. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

86. Proteinase treatment

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

87. RNase treatment

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

88. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

No

89. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes

90. Type of RNA analysis

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

RNAsequencing

91. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

92. Proteinase treatment

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

93. RNase treatment

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

94. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: EVs

No

95. Was vesicular RNA analyzed?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

Yes

96. Type of RNA analysis

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

RNAsequencing

97. RNA data submitted to an EV-related database (e.g. Exocarta, Vesiclepedia)?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

98. Proteinase treatment

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

99. RNase treatment

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

100. Was lipid analysis performed on the obtained EVs?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

No

59. Particle analysis overview

101. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol:

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation
> Subtype: 10K

Other1: nanoFCM flow nanoAnalyzer

102. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Other1: nanoFCM flow nanoAnalyzer

103. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Other1: nanoFCM flow nanoAnalyzer

104. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Other1: nanoFCM flow nanoAnalyzer

105. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Other1: nanoFCM flow nanoAnalyzer

106. Particle analysis: indicate all methods that were used on EVs of the following sample type/isolation protocol: Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Other1: nanoFCM flow nanoAnalyzer

65. Other 1

107. Particle size is reported as:

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Size range/distribution

108. Specify the reported size (nm)

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

40-145

109. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes

110. Was the EV particle yield determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: /100 mg brain tissue

111. Specify the particle yield

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

1.14E+09

112. Particle size is reported as:

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Size range/distribution

113. Specify the reported size (nm)

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

40-145 nm

114. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes

115. Was the EV particle yield determined?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: /100 mg brain tissue

116. Specify the particle yield

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

3.36E+09

117. Particle size is reported as:

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Size range/distribution

118. Specify the reported size (nm)

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

40-145nm

119. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes

120. Was the EV particle yield determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: /100 mg brain tissue

121. Specify the particle yield

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

2.25E+09

122. Particle size is reported as:

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Size range/distribution

123. Specify the reported size (nm)

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

40-145nm

124. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes

125. Was the EV particle yield determined?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: /100 mg brain tissue

126. Specify the particle yield

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

1.14E+09

127. Particle size is reported as:

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Size range/distribution

128. Specify the reported size (nm)

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

40-145 nm

129. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes

130. Was the EV particle yield determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

Yes, other:: /100 mg brain tissue

131. Specify the particle yield

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

2.25E+09

132. Particle size is reported as:

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Size range/distribution

133. Specify the reported size (nm)

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

40-140 nm

134. Was this method also used to determine EV concentration?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes

135. Was the EV particle yield determined?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

Yes, other:: /100 mg brain tissue

136. Specify the particle yield

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

1.14E+09

68. EV terminology

137. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

extracellular vesicle

138. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > Control condition > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

extracellular vesicle

139. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

extracellular vesicle

140. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > Alzheimer disease > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

extracellular vesicle

141. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: EVs

extracellular vesicle

142. How were these vesicles designated throughout the publication?

Homo sapiens > Brain tissue > APOE genotype > Filtration, qEV, Ultrafiltration, (Differential) (ultra)centrifugation > Subtype: 10K

extracellular vesicle