

FAQ

Q1. I was selected as a HAYABUSA Investigator in the 1st and/or 2nd International AO.

Can I submit a proposal for the 3rd International AO?

A1. Yes, you can. For you to have samples allocated for the 3rd AO, however, your proposal must first be selected in the review process and all previously allocated samples must be returned before the deadline set by the Curator.

Q2. When will I know the result of my proposal submitted to the 3rd AO?

A2. Around late May 2015.

Q3. When will samples be allocated?

A3. The samples will be distributed after the public announcement of the selected proposals (around late May 2015). The PI of a selected proposal will become a HAYABUSA Investigator when samples are allocated. Samples are planned to be distributed by the end of August 2015. A successful HAYABUSA Investigator must be ready to receive the samples that he/she requested by this date. The preparation process includes the Investigator submitting a declaration form and a research plan to the Curator.

Q4. Should I prepare a container for sample allocation?

A4. The standard procedure is that JAXA will send samples in a sealed container designed by JAXA. A HAYABUSA Investigator who wants to use a special container must explain to JAXA why the sample should be transported differently and send the container to JAXA before July 31, 2015. JAXA will decide the sample transportation procedure based on the researcher's request and the cleanliness level of the container. Please note that the Curator is responsible for reducing the risk of unnecessary contamination. If JAXA does not receive a special container before July 31, 2015, JAXA will use its own container.

Q5. Will I own distributed samples?

A5. Definitely NO. Samples belong to JAXA. Allocated samples must be returned to the Curator as soon as the proposed investigation is completed. Exceptions are those

investigations that consume samples. This fact must be clearly stated in the proposal.

Q6. Some samples were embedded in epoxy resin in the Initial Analysis. Will JAXA extract a sample from its resin?

A6. No, JAXA has no technique to extract the samples from epoxy resin.

Q7. In what kind of epoxy resin were the samples embedded during Initial Analysis?

A7. The epoxy resin was EM bed 812® made by Electron Microscopy Sciences in the USA, which is almost identical to Epon 812® made by Shell Chemical, USA. It is a mixture of three liquids; EMbed (Cat. #14900), NADIC (Cat. #19000), and DMP-30 (Cat. #13600) in a volume mixing ratio of 200 : 175 : 2.

Q8. What must successful HAYABUSA Investigators submit to JAXA?

A8. A summary sheet describing the essential minimum information of analytical results must be submitted to the Curator immediately after completion of the analyses. At the same time, all distributed samples must be returned to JAXA (except for cases of fully destructive analyses). The sheet will not be made public until a relevant paper is published. HAYABUSA Investigators are highly encouraged to present their results at the HAYABUSA Sample Science Meeting currently scheduled in the fall of 2016.

Q9. Can I publish a paper on analysis results?

A9. Yes, you are highly encouraged to do so. There are only two rules that an Investigator must follow in publication. (1) Add the following sentence to the acknowledgement part of the paper; “The Hayabusa-returned samples XXXX (sample ID) were allocated by JAXA’s Extraterrestrial Sample Curation Team (ESCuTe) through the 3rd International Announcement of Opportunity.” (2) Report the publication to the Curator.