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## The radioassay program of the PandaX experiment

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PandaX is a set of xenon-based time projection chambers designed for detecting rare events such as dark matter and neutrino interactions. Background control is a crucial aspect of these searches. For material screening, we utilized HPGe, ICP-MS, and NAA techniques, as well as custom-built krypton, radon-emanation, and alpha measurement systems. In this report, we present our radioassay program and the measured background rates at the PandaX-4T detector. We also discuss ongoing efforts to further reduce background in the next-generation PandaX liquid xenon detector.

### Submitted on behalf of a Collaboration?

Yes

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