1135-13-1902 **Rebecca R.G.*** (rirebhuh@syr.edu) and Felipe Pérez. Test Ideals for all Characteristics. We define the test ideal of a general closure operation cl, and give some of its properties. We show that if the closure cl comes from a big Cohen-Macaulay module or algebra, or a family of such modules or algebras, then the test ideal shares many properties of the tight closure test ideal used in characteristic p > 0. In particular, it is connected to the singularities of the ring. We also apply our results to a mixed-characteristic closure operation based on work of Ma and Schwede. (Received September 25, 2017)