Figure 2 - figure supplement 1. **Monitoring system x(c)(-) activity by following glutamate release**. (*A*) Overview of the assay design. Glutamate released by the cell is detected by an enzyme-linked reaction. Erastin and SAS inhibit glutamate release from system x(c)(-), but not other transporters. System x(c)(-) is one of several transporters that can release glutamate, including system X(AG) and others. (*B*) *SLC7A5* expression was silenced in HT-1080 cells for 48 hours using two independent siRNAs and then glutamate release was assayed +/- erastin. (*C*) *SLC7A5* mRNA levels in HT-1080 transfected as in (*B*). Data in *B* and *C* represent mean +/-SD from three independent biological replicates.