

## **`l_disjoint_intersection_implies`**<sup>11,40</sup>

$\forall T:\text{Type}, eq:\text{EqDecider}(T), a, b:(T \text{ List}).$

$\text{l\_disjoint}(T;a;\text{l\_intersection}(eq;a;b)) \Rightarrow \text{l\_disjoint}(T;a;b)$