```
is_member_wf  THM

⊢  ∀T:Type, eq:(T→T→𝔹), x:T, L:T List. x(∈eq) L ∈ 𝔹  by UnivCD
|
1. T : Type
2. eq : T→T→𝔹
3. x : T
4. L : T List
⊢  x(∈eq) L ∈ 𝔹  by ListInd 4
|
|\
| ⊢  x(∈eq) nil ∈ 𝔹  by Rewrite (HigherC is_member_unrollC) 0
|
.\
. 5. u : T
. 6. v : T List
. 7. x(∈eq) v ∈ 𝔹
. ⊢  x(∈eq) (u.v) ∈ 𝔹  by Rewrite (HigherC is_member_unrollC) 0
END
```