```
assert_iff_eq  THM

⊢  ∀a,b:𝔹. (a ⟺ b) ⟺ a = b  by UnivCD
|
1. a : 𝔹
2. b : 𝔹
⊢  (a ⟺ b) ⟺ a = b  by Analyze 0
|
|\
| ⊢  (a ⟺ b) ⇒ a = b
|   by Analyze 0
|      THEN
|      Inst Thm* ∀a,b:𝔹. (a ⟺ b) ⇒ a = b    {iff_imp_equal_bool}
|      [a;b]
|
.\
. ⊢  (a ⟺ b) ⇐ (a = b)  by Analyze 0
. |
. 3. a = b
. ⊢  a ⟺ b  by RWH (HypC 3) 0
END
```